Ohio Labor Market Information
BUREAU OF EMPLOYMENT SERVICES
JOB SERVICE OF OHIO
RICHARD F. CELESTE, *Governor*
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1/30/85 S6270-1 A

EMPLOYMENT, HOURS, AND EARNINGS IN OHIO
DECEMBER 1984

Summary: The December 1984 seasonally adjusted unemployment rate for Ohio was 9.1 percent, up from November's rate of 8.7 percent. During the same period, the unadjusted rate rose from 8.9 to 9.2 percent. Total employment decreased .6 percent, to 4,625,000, while the number of unemployed increased 14,000, to 469,000. Non-farm wage and salary employment was 4,245,000 in December, up fractionally from November. Employment gains in department stores and other retail trade establishments preparing for the holiday shopping season overshadowed seasonal declines in construction and private college employment.

Factory Employment: Manufacturing employment in Ohio fell to 1,117,900 in December, down 1,000 from November. Nondurable-goods industries accounted for the loss, with declines in rubber and miscellaneous plastics products, paper and allied products, and commercial printing. Gains in transportation equipment were offset by losses in stone, clay, and glass products and fabricated structural metal products, holding the durable-goods total nearly constant.

Nonmanufacturing: Ohio's nonmanufacturing employment, at 3,127,100 in December was slightly above November's level. Notable increases were found in retail trade, finance, and business and health services. Construction registered the largest decrease, followed by private schools and transportation.

Factory Hours and Earnings: Factory production workers in Ohio earned $486.86 per week in December, up more than $13 from November. The average workweek increased .6 hours, to 43.2 hours. Much of the change resulted from the combined effects of more overtime and wage-rate increases in metal forgings and stampings, motor vehicles and equipment, household appliances, and miscellaneous plastics products.

Over the Year: Ohio's unadjusted unemployment rate fell from 10.5 percent in December 1983 to 9.2 percent in December 1984. There was a 2.5 percent increase in total employment over the year, with nonagricultural wage and salary employment showing a 1.6 percent gain. Over three-fourths of the increase occurred in nonmanufacturing with retail trade, health and business services, and education showing the most growth. Manufacturing employment rose by 16,000 during the past year, due chiefly to gains in transportation equipment, nonelectrical machinery, fabricated metal products, and plastics products. Average hourly earnings of factory production workers rose 44¢ over the year while the average workweek gained one half-hour, boosting the weekly earnings average by $23.34, to $486.86 per week.

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EMPLOYMENT, HOURS, AND EARNINGS IN MAJOR METROPOLITAN AREAS

Akron.--Nonfarm employment in Akron totaled 254,000 in December, down 400 from November. Scattered losses in nondurable goods accounted for most of the loss in manufacturing, to 66,900 in December. In nonmanufacturing, cutbacks in construction were offset by seasonal gains in retail trade. Earnings of factory workers rose 24¢, to $11.14 an hour. Their average workweek was 1.3 hours longer, at 45.4 hours.

Canton.--Nonfarm establishments in Canton employed 149,300 workers in December, on par with the previous month. Nonmanufacturing employment decreased fractionally, as seasonal curtailments in construction and services were offset by gains in retailing. Manufacturing was little changed at 45,800. Factory production workers averaged $10.78 per hour in December, down 2¢ from November. Their average workweek, at 40.7 hours, remained unchanged.

Cincinnati.--Cincinnati's nonagricultural wage and salary employment totaled 598,600 in December, up 2,500 from November. Nonmanufacturing accounted for the gain, due to seasonal hiring in retail trade and service industries. Manufacturing dropped 200, to 146,200. Production workers in manufacturing industries grossed $10.87 per hour, up 7¢ from November. The average workweek, at 43.4 hours, was .6 hours longer than in November.

Cleveland.--Nonagricultural establishments in Cleveland employed 837,300 wage and salary workers in December, up 1,000 from November. Nonmanufacturing accounted for the increase, with a seasonal pickup in retailing offsetting declines in construction and services. Scattered losses lowered manufacturing employment to 210,200. Average hourly earnings of factory production workers, at $11.14 in December, were up 5¢ from the previous month. The average workweek was extended by .3 hours, to 42.8.

Columbus.--Nonagricultural wage and salary employment in the Columbus area totaled 530,800 in December, up 1,500 from the previous month. Pre-holiday gains in retail trade, augmented by hiring in state universities, accounted for most of the increase. Manufacturing, at 89,600, was little changed. Production workers in the area's factories averaged $10.58 per hour for a 42.3 hour workweek in December, 3¢ and .4 hours above November figures.

Dayton.--Dayton's nonfarm payroll employment increased 500 from November, to 354,400 in December. Nonmanufacturing was up slightly, as seasonal cutbacks in construction and services offset most of the year-end retail boom. Manufacturing increased slightly, to 92,800. Hourly earnings of Dayton's factory production workers, at $11.50 in December, were up 25¢ from November. The average workweek--44.0 hours--was .9 hours longer.

Toledo.--Nonagricultural employment in Toledo totaled 298,900 in December, up 400 from November. Most of the increase occurred in nonmanufacturing due to seasonal growth in retail trade. Offsetting decreases occurred in services and construction. Manufacturing rose fractionally, to 75,600. Average earnings of production workers, at $12.09 an hour, were up 17¢ from November. The average workweek, at 44.7 was .8 hours longer.

Youngstown-Warren.--Workers on nonfarm payrolls in Youngstown-Warren numbered 182,900 in December, little changed from November. Gains in nonmanufacturing, primarily in retail trade, were offset by seasonal decreases in construction and services. Manufacturing employment, at 53,900, was down 200. Average hourly earnings of factory production workers increased 39¢, to $13.18. Average weekly hours, at 43.6, were up 1.3 hours for the month.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 1-24-85

EMPLOYMENT IN MAJOR METROPOLITAN AREAS[a]

Year and Month	Akron[b]	Canton[c]	Cincinnati[d]	Cleveland[e]	Columbus[f]	Dayton[g]	Toledo[h]	Youngstown-Warren[j]
	NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT (in thousands)							
1973	255.1	147.9	534.5	865.2	451.0	335.6	285.8	211.6
1974	259.0	152.1	542.2	879.2	457.6	334.9	285.6	213.5
1975	248.4	145.0	531.2	850.6	445.4	321.4	275.5	200.7
1976	247.3	145.9	541.9	860.0	456.1	331.5	282.6	203.5
1977	259.3	149.8	562.1	880.9	471.6	343.1	292.1	208.0
1978	266.6	156.1	591.2	905.8	493.8	358.5	302.1	210.3
1979	270.9	160.7	607.4	919.8	507.3	364.9	306.0	213.9
1980	262.4	157.1	600.6	895.6	509.8	355.7	293.1	203.1
1981	259.6	156.6	592.2	880.7	506.6	352.5	290.9	198.7
1982	248.8	148.6	575.3	844.6	495.1	336.3	281.9	180.6
1983	245.0	143.6	573.7	826.0	500.0	335.4	281.0	177.6
1983 December.	250.9	146.7	589.8	837.9	515.7	344.3	291.1	182.0
1984 January .	243.2	143.3	573.1	819.0	503.8	339.3	284.3	178.4
February.	245.4	143.8	572.2	817.5	505.9	339.8	286.4	178.4
March ...	246.4	145.0	576.7	821.2	509.1	341.2	288.2	179.0
April ...	249.7	146.8	584.2	825.8	514.0	343.3	291.5	181.0
May	253.2	147.8	590.0	831.1	516.7	344.5	294.3	183.1
June	249.9	148.6	595.5	838.6	523.5	346.4	291.3	182.7
July	250.6	147.9	588.4	834.0	512.2	342.9	287.4	181.7
August ..	250.2	148.0	588.2	831.4	513.8	343.6	287.7	180.5
September	254.8	148.7	591.0	833.4	519.0	350.4	296.9	182.9
October .	254.4	149.2	593.5	836.2	526.8	352.5	298.8	182.4
November.	254.3	149.3	596.1	836.2	529.4	353.9	298.4	182.7
December.	254.0	149.3	598.6	837.3	530.8	354.4	298.9	182.9
	MANUFACTURING EMPLOYMENT (in thousands)							
1973	94.0	61.7	165.5	288.1	106.0	117.7	93.4	93.0
1974	94.2	62.2	166.6	287.1	104.3	113.1	89.8	92.0
1975	84.5	55.3	153.9	260.3	93.1	100.1	80.7	80.8
1976	80.3	54.8	155.6	265.1	94.2	104.0	84.8	80.6
1977	85.6	56.0	161.1	270.8	98.9	109.2	88.2	81.1
1978	85.9	57.1	169.2	275.6	101.2	112.0	90.5	79.4
1979	85.6	59.1	173.1	276.3	101.1	109.5	88.6	79.9
1980	79.1	55.7	162.4	254.9	96.8	99.4	75.4	70.8
1981	75.7	54.8	157.3	246.8	93.1	97.8	74.6	67.3
1982	68.3	47.6	146.3	223.0	85.9	87.6	69.0	52.9
1983	65.1	43.6	140.7	207.6	84.0	86.2	69.1	53.0
1983 December.	66.2	44.9	141.7	212.1	86.2	90.2	74.0	55.6
1984 January .	66.1	44.7	143.2	211.6	86.2	90.4	74.6	55.8
February.	66.5	44.9	143.3	211.2	87.0	90.9	75.5	55.6
March ...	66.7	45.5	144.1	211.6	87.0	91.1	75.7	55.4
April ...	67.0	45.4	144.6	210.6	87.4	91.4	75.8	55.8
May	67.5	45.3	145.0	210.9	87.2	91.2	75.7	55.8
June	67.9	45.3	145.9	211.6	88.4	91.4	75.5	55.6
July	67.8	45.4	145.6	209.4	88.3	91.3	75.0	55.6
August ..	67.4	45.7	146.0	208.9	88.7	91.6	75.7	54.5
September	67.7	45.5	143.5	210.5	89.5	92.6	77.2	54.8
October .	67.2	45.6	145.9	210.4	89.2	92.4	76.4	54.2
November.	67.3	45.7	146.4	210.6	89.5	92.7	75.5	54.1
December.	66.9	45.8	146.2	210.2	89.6	92.8	75.6	53.9

[a]Estimated in cooperation with U.S. Bureau of Labor Statistics. Data for latest month are preliminary, although other months are subject to revision. [b]Akron includes Portage and Summit Counties. [c]Canton includes Carroll and Stark Counties. [d]Cincinnati includes Clermont, Hamilton, and Warren Counties, Ohio; Dearborn County, Indiana; Boone, Campbell, and Kenton Counties, Kentucky. [e]Cleveland includes Cuyahoga, Geauga, Lake, and Medina Counties. [f]Columbus includes Delaware, Fairfield, Franklin, Madison, and Pickaway Counties. [g]Dayton includes Greene, Miami, Montgomery, and Preble Counties. [h]Toledo includes Fulton, Lucas, Ottawa, and Wood Counties, Ohio; and Monroe County, Michigan. [j]Youngstown-Warren includes Mahoning and Trumbull Counties.

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Columbus 43216

MANUFACTURING PRODUCTION WORKERS AND AVERAGE WEEKLY HOURS IN MAJOR METROPOLITAN AREAS[a]

Year and Month	Akron[b]	Canton[c]	Cincinnati[d]	Cleveland[e]	Columbus[f]	Dayton[g]	Toledo[h]	Youngstown-Warren[j]
	MANUFACTURING PRODUCTION WORKERS (in thousands)							
1973	55.5	46.3	115.2	200.4	74.1	85.0	66.5	75.6
1974	56.1	46.9	115.3	199.5	71.2	79.5	63.1	74.2
1975	48.4	40.5	106.3	176.0	64.2	70.9	55.1	63.3
1976	44.5	40.4	107.8	180.9	65.4	73.4	59.3	63.3
1977	49.2	41.1	110.7	184.0	68.6	75.7	62.8	63.6
1978	49.4	42.2	116.4	188.0	70.1	77.5	64.1	62.5
1979	53.8	43.2	117.0	188.6	69.1	74.4	61.7	62.5
1980	47.5	40.1	106.6	169.2	64.6	65.5	49.6	54.1
1981	43.7	39.6	103.5	161.8	61.3	64.4	49.2	50.8
1982	36.9	33.3	95.5	141.8	55.1	55.6	45.2	38.1
1983	35.6	30.8	92.2	132.1	54.2	54.9	47.2	39.3
1983								
December.	36.8	32.1	93.8	137.0	56.6	58.7	52.7	42.2
1984								
January .	36.8	31.7	95.4	136.5	56.8	58.8	53.3	42.3
February.	37.1	31.8	95.5	136.3	57.4	59.3	54.2	42.2
March ...	37.1	32.4	96.3	136.7	57.3	59.3	54.4	42.1
April ...	37.4	32.4	96.5	135.6	57.7	59.7	54.6	42.4
May	37.7	32.3	96.5	135.7	57.5	59.4	54.5	42.4
June	37.8	32.3	97.3	136.3	58.6	59.5	54.3	42.2
July ...	37.6	32.3	96.6	134.2	58.3	59.0	53.7	42.2
August ..	37.3	32.7	97.5	133.6	58.8	59.2	54.2	41.2
September	37.8	32.5	95.0	135.6	59.5	60.4	55.8	41.6
October .	37.4	32.6	96.9	135.7	59.0	60.5	54.9	41.2
November.	37.4	32.9	97.6	136.1	59.2	60.7	54.3	41.2
December.	37.0	33.1	97.1	136.0	59.1	60.7	54.5	41.0
	MANUFACTURING PRODUCTION WORKERS' AVERAGE WEEKLY HOURS							
1973	43.0	41.0	42.2	43.2	40.8	43.3	43.1	42.9
1974	42.3	40.1	41.4	42.1	39.7	41.0	41.2	40.7
1975	41.1	39.4	40.8	40.4	39.6	41.3	40.4	38.6
1976	42.1	39.6	41.1	41.9	40.1	43.2	41.5	39.5
1977	42.3	39.7	41.6	42.8	40.3	43.5	42.7	40.4
1978	42.3	40.3	42.1	42.9	40.4	42.8	42.4	41.4
1979	41.6	40.9	41.5	42.2	40.1	42.1	40.9	40.7
1980	41.5	39.0	41.2	40.6	39.5	41.5	40.6	39.9
1981	41.8	40.0	41.1	41.1	40.0	41.4	40.9	40.8
1982	41.0	38.6	40.5	39.9	39.8	40.0	41.1	39.3
1983	43.1	39.6	41.1	40.9	40.7	41.9	42.9	42.1
1983								
December.	45.5	40.8	42.4	42.3	42.3	43.9	44.5	43.2
1984								
January .	43.9	40.4	41.7	41.9	41.2	43.2	43.1	44.7
February.	43.9	41.0	41.5	42.2	40.4	42.8	43.5	43.8
March ...	43.7	40.8	41.8	42.3	40.4	42.8	43.8	44.9
April ...	43.8	40.5	42.1	42.3	40.5	43.0	43.7	43.5
May	43.4	40.6	41.6	42.0	40.5	42.3	43.7	43.3
June	43.8	40.3	41.6	42.0	40.7	42.3	43.3	42.9
July	43.3	40.6	41.1	41.1	40.6	42.9	43.0	44.2
August ..	43.3	40.1	41.7	41.5	40.9	42.5	43.9	42.3
September	43.2	41.0	42.2	42.0	40.8	43.1	43.9	43.6
October .	42.8	40.4	41.8	42.0	40.7	42.1	44.1	42.7
November.	44.1	40.7	42.8	42.5	41.9	43.1	43.9	42.3
December.	45.4	40.7	43.4	42.8	42.3	44.0	44.7	43.6

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EARNINGS IN MAJOR METROPOLITAN AREAS[a]

Year and Month	Akron[b]	Canton[c]	Cincinnati[d]	Cleveland[e]	Columbus[f]	Dayton[g]	Toledo[h]	Youngstown-Warren[j]
	MANUFACTURING PRODUCTION WORKERS' AVERAGE HOURLY EARNINGS							
1973	$ 4.99	$ 4.80	$ 4.44	$ 4.83	$ 4.36	$ 5.00	$ 5.01	$ 5.29
1974	5.28	5.24	4.82	5.21	4.73	5.29	5.39	5.80
1975	5.66	5.64	5.19	5.63	5.18	5.73	5.80	6.39
1976	6.02	6.18	5.65	6.22	5.64	6.28	6.32	7.02
1977	6.75	6.88	6.27	6.84	6.08	6.92	7.00	7.76
1978	7.19	7.56	6.81	7.50	6.55	7.38	7.53	8.54
1979	7.73	8.09	7.31	8.00	7.05	8.00	8.14	9.27
1980	8.72	8.79	8.06	8.63	7.73	8.65	8.90	10.27
1981	9.50	9.76	8.78	9.62	8.67	9.61	9.93	11.62
1982	9.83	10.22	9.57	10.10	9.31	10.02	10.89	11.72
1983	10.49	10.66	10.11	10.45	9.97	10.61	11.28	12.38
1983								
December.	11.01	10.88	10.29	10.68	10.35	11.11	11.57	12.68
1984								
January .	10.77	10.85	10.39	10.70	10.33	11.07	11.42	12.89
February.	10.75	10.91	10.37	10.76	10.23	11.04	11.48	12.66
March ...	10.79	10.89	10.45	10.81	10.20	11.12	11.58	13.09
April ...	10.76	10.90	10.58	10.82	10.22	11.12	11.58	12.88
May	10.82	11.04	10.50	10.83	10.30	11.03	11.57	12.86
June	10.87	10.99	10.51	10.82	10.26	11.09	11.66	12.85
July	10.73	10.88	10.48	10.68	10.21	11.23	11.59	13.09
August ..	10.82	10.80	10.57	10.81	10.29	11.18	11.66	12.67
September	10.82	10.77	10.54	10.91	10.36	11.26	11.73	12.89
October .	10.89	10.82	10.64	10.90	10.29	11.04	11.84	12.86
November.	10.90	10.80	10.80	11.09	10.55	11.25	11.92	12.79
December.	11.14	10.78	10.87	11.14	10.58	11.50	12.09	13.18
	MANUFACTURING PRODUCTION WORKERS' AVERAGE WEEKLY EARNINGS							
1973	$214.57	$196.80	$187.37	$208.66	$177.89	$216.50	$215.93	$226.94
1974	223.34	210.12	199.55	219.34	187.78	216.89	222.07	236.06
1975	232.63	222.22	211.75	227.45	205.13	236.65	234.32	246.65
1976	253.44	244.73	232.22	260.62	226.16	271.30	262.28	277.29
1977	285.53	273.14	260.83	292.75	245.02	301.02	298.90	313.50
1978	304.14	304.67	286.70	321.75	264.62	315.86	319.27	353.56
1979	321.57	330.88	303.37	337.60	282.71	336.80	332.93	377.29
1980	361.88	342.81	332.07	350.38	305.34	358.98	361.34	409.77
1981	397.10	390.40	360.86	395.38	346.80	397.85	406.14	474.10
1982	403.03	394.49	387.59	402.99	370.54	400.80	447.58	460.60
1983	452.12	422.14	415.52	427.41	405.78	444.56	483.91	521.20
1983								
December.	500.96	443.90	436.30	451.76	437.81	487.73	514.87	547.78
1984								
January .	472.80	438.34	433.26	448.33	425.60	478.22	492.20	576.18
February.	471.93	447.31	430.36	454.07	413.29	472.51	499.38	554.51
March ...	471.52	444.31	436.81	457.26	412.08	475.94	507.20	587.74
April ...	471.29	441.45	445.42	457.69	431.91	478.16	506.05	560.28
May	469.59	448.22	436.80	454.86	417.15	466.57	505.61	556.84
June	476.11	442.90	437.22	454.44	417.58	469.11	504.88	551.27
July	464.61	441.73	430.73	438.95	414.53	481.77	498.37	578.58
August ..	468.51	433.08	440.77	448.62	420.86	475.15	504.88	535.94
September	467.42	441.57	444.79	458.22	422.69	485.31	514.95	562.00
October .	466.09	437.13	444.75	457.80	418.80	464.78	522.14	549.12
November.	480.69	439.56	462.24	471.33	442.05	484.88	523.29	541.02
December.	505.76	438.75	471.76	476.79	447.53	506.00	540.42	574.65

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CIVILIAN LABOR FORCE ESTIMATES FOR MAJOR METROPOLITAN AREAS[a]
(In thousands)

Year and Month	Civilian Labor Force	Total Employed	Unemployed		Year and Month	Civilian Labor Force	Total Employed	Unemployed	
			Total Unemployed	Unemployment Rate				Total Unemployed	Unemployment Rate
	AKRON[b]					CANTON[c]			
1973	287.1	274.9	12.2	4.3	1973	171.2	163.1	8.1	4.7
1974	290.8	277.7	13.0	4.5	1974	175.6	167.5	8.1	4.6
1975	292.0	264.3	27.7	9.5	1975	174.7	158.0	16.7	9.6
1976	293.3	266.3	25.0	8.6	1976	174.4	158.6	15.8	9.1
1977	294.2	274.7	19.5	6.6	1977	175.9	163.1	12.9	7.3
1978	298.9	282.2	16.7	5.6	1978	179.9	170.0	9.9	5.5
1979	303.8	285.4	18.4	6.1	1979	184.3	173.7	10.6	5.7
1980	304.5	278.3	26.2	8.6	1980	187.7	170.9	16.8	8.9
1981	304.1	274.9	29.1	9.6	1981	188.4	170.1	18.2	9.7
1982	303.9	268.0	35.9	11.8	1982	191.4	164.3	27.0	14.1
1983	304.4	267.0	37.4	12.3	1983	188.4	160.7	27.6	14.7
1983					1983				
November	309.7	274.2	35.5	11.5	November	189.5	164.4	25.1	13.2
December	304.9	270.4	34.6	11.3	December	186.0	162.4	23.6	12.7
1984					1984				
January	297.5	264.3	33.2	11.2	January	182.3	159.8	22.5	12.3
February	298.6	263.8	34.8	11.6	February	180.7	158.9	21.9	12.1
March	297.9	262.4	35.5	11.9	March	181.7	158.7	23.0	12.6
April	300.3	268.4	31.9	10.6	April	182.6	162.1	20.5	11.2
May	305.5	274.5	31.1	10.2	May	185.6	164.8	20.9	11.2
June	306.9	277.9	29.0	9.5	June	188.1	169.2	18.9	10.1
July	315.7	288.9	26.9	8.5	July	191.7	174.4	17.2	9.0
August	311.4	281.5	29.9	9.6	August	189.0	170.3	18.6	9.9
September	308.2	281.0	27.2	8.8	September	185.7	168.4	17.3	9.3
October	307.9	279.8	28.0	9.1	October	187.3	168.5	18.8	10.1
November[p]	303.9	276.7	27.2	9.0	November[p]	185.3	166.2	19.2	10.3
	CINCINNATI[d]					CLEVELAND[e]			
1973	572.0	543.0	29.0	5.1	1973	883.9	849.0	34.9	3.9
1974	595.3	569.8	25.5	4.3	1974	899.1	861.4	37.7	4.2
1975	595.3	551.6	43.6	7.3	1975	896.9	826.3	70.6	7.9
1976	604.8	566.6	38.2	6.3	1976	897.7	834.4	63.3	7.0
1977	623.4	588.7	34.7	5.6	1977	908.5	854.4	54.0	5.9
1978	648.3	615.8	32.5	5.0	1978	921.7	878.5	43.2	4.7
1979	663.4	628.1	35.3	5.3	1979	935.8	889.1	46.7	5.0
1980	676.2	628.6	47.5	7.0	1980	937.1	869.1	68.0	7.3
1981	678.5	619.3	59.1	8.7	1981	933.9	854.0	79.8	8.5
1982	682.0	610.4	71.6	10.5	1982	933.4	833.2	100.2	10.7
1983	686.5	615.4	71.1	10.4	1983	930.7	824.7	105.9	11.4
1983					1983				
November	693.2	629.0	64.2	9.3	November	935.3	836.6	98.7	10.6
December	684.3	622.5	61.9	9.0	December	917.5	828.3	89.3	9.7
1984					1984				
January	679.0	616.0	62.9	9.3	January	899.5	815.9	83.7	9.3
February	670.2	611.3	58.9	8.8	February	887.4	806.6	80.8	9.1
March	672.1	612.2	59.9	8.9	March	890.2	802.3	87.9	9.9
April	683.0	624.9	58.1	8.5	April	896.6	813.7	83.0	9.3
May	695.0	635.0	60.0	8.6	May	913.9	825.6	88.3	9.7
June	709.9	651.7	58.2	8.2	June	932.7	850.5	82.2	8.8
July	718.1	661.6	56.4	7.9	July	955.0	876.6	78.4	8.2
August	708.2	649.4	58.8	8.3	August	937.6	853.3	84.3	9.0
September	701.2	643.3	57.9	8.3	September	920.1	841.5	78.7	8.5
October	700.2	644.0	56.2	8.0	October	923.8	841.9	81.9	8.9
November[p]	690.5	639.1	51.3	7.4	November[p]	907.6	832.0	75.6	8.3

[a]Estimated in cooperation with U.S. Department of Labor. Data not seasonally adjusted. Subtotals may not add to totals due to rounding. Rates computed from unrounded figures. [b]Defined as Portage and Summit Counties. [c]Defined as Carroll and Stark Counties. [d]Defined as Clermont, Hamilton, and Warren Counties, Ohio; Dearborn County, Indiana; and Boone, Campbell, and Kenton Counties, Kentucky. [e]Defined as Cuyahoga, Geauga, Lake, and Medina Counties.
[p]Preliminary.

CIVILIAN LABOR FORCE ESTIMATES FOR MAJOR METROPOLITAN AREAS[a]
(In thousands)

Year and Month	Civilian Labor Force	Total Employed	Unemployed		Year and Month	Civilian Labor Force	Total Employed	Unemployed	
			Total Unemployed	Unemployment Rate				Total Unemployed	Unemployment Rate
	COLUMBUS[f]					DAYTON[g]			
1973	485.5	468.3	17.1	3.5	1973	358.0	343.5	14.5	4.1
1974	495.4	475.5	19.9	4.0	1974	359.5	342.5	17.0	4.7
1975	495.0	458.6	36.5	7.4	1975	357.6	327.7	29.9	8.4
1976	503.6	468.5	35.1	7.0	1976	360.5	336.3	24.2	6.7
1977	513.4	483.3	30.1	5.9	1977	368.6	348.3	20.3	5.5
1978	531.4	506.5	24.9	4.7	1978	381.1	363.7	17.3	4.6
1979	543.0	517.1	25.8	4.8	1979	392.2	367.9	24.2	6.2
1980	554.7	523.4	31.4	5.7	1980	390.2	361.0	29.2	7.5
1981	562.4	519.1	43.3	7.7	1981	390.8	357.9	32.8	8.4
1982	567.4	516.4	51.0	9.0	1982	391.8	347.1	44.7	11.4
1983	579.1	527.4	51.7	8.9	1983	390.6	350.7	39.9	10.2
1983					1983				
November	594.7	544.2	50.2	8.5	November	396.8	360.3	36.5	9.2
December	585.3	537.9	47.4	8.1	December	388.0	355.5	32.5	8.4
1984					1984				
January	575.1	529.6	45.4	7.9	January	385.5	353.0	32.5	8.4
February	570.0	526.7	43.2	7.6	February	383.7	350.3	33.5	8.7
March	571.3	525.2	46.0	8.1	March	383.4	348.5	34.9	9.1
April	580.3	535.2	45.1	7.8	April	387.1	354.5	32.6	8.4
May	590.4	543.9	46.5	7.9	May	391.4	358.8	32.6	8.3
June	605.6	561.9	43.7	7.2	June	398.7	368.1	30.6	7.7
July	612.4	570.5	41.9	6.8	July	406.3	377.7	28.7	7.1
August	601.6	558.5	43.1	7.2	August	399.6	369.3	30.3	7.6
September	595.2	554.5	40.7	6.8	September	399.4	370.5	28.9	7.2
October	602.9	561.1	41.8	6.9	October	401.1	371.6	29.4	7.3
November[p]	594.2	555.3	38.9	6.5	November[p]	394.7	367.2	27.5	7.0
	TOLEDO[h]					YOUNGSTOWN-WARREN[i]			
1973	339.8	324.2	15.6	4.6	1973	232.5	221.8	10.8	4.6
1974	343.8	324.2	19.7	5.7	1974	236.7	223.7	13.0	5.5
1975	344.8	310.2	34.6	10.0	1975	236.7	209.8	26.9	11.4
1976	347.8	319.4	28.4	8.2	1976	234.2	210.5	23.7	10.1
1977	355.0	329.4	25.6	7.2	1977	234.0	215.0	19.0	8.1
1978	362.1	339.7	22.4	6.2	1978	235.2	217.5	17.7	7.5
1979	368.2	341.7	26.4	7.2	1979	237.1	219.9	17.1	7.2
1980	368.2	329.8	38.4	10.4	1980	238.9	210.5	28.4	11.9
1981	367.4	328.0	39.4	10.7	1981	234.0	205.7	28.2	12.1
1982	368.7	322.7	46.1	12.5	1982	237.0	190.3	46.6	19.7
1983	374.2	326.9	47.2	12.6	1983	227.3	189.6	37.8	16.6
1983					1983				
November	381.3	337.5	43.8	11.5	November	227.9	195.2	32.7	14.4
December	372.5	331.9	40.5	10.9	December	222.4	192.2	30.2	13.6
1984					1984				
January	366.1	327.4	38.6	10.6	January	218.3	189.7	28.6	13.1
February	365.7	327.7	38.0	10.4	February	214.6	188.2	26.4	12.3
March	367.3	327.8	39.5	10.8	March	215.3	186.8	28.5	13.2
April	371.8	335.7	36.1	9.7	April	216.3	190.5	25.8	11.9
May	378.2	342.1	36.1	9.5	May	220.3	194.4	25.9	11.8
June	384.7	345.8	38.9	10.1	June	222.0	198.2	23.8	10.7
July	390.3	352.1	38.2	9.8	July	226.9	204.3	22.6	9.9
August	381.4	345.3	36.1	9.5	August	226.1	198.2	27.9	12.3
September	INA	INA	INA	INA	September	222.2	197.4	24.8	11.2
October	INA	INA	INA	INA	October	223.4	196.3	27.1	12.1
November	INA	INA	INA	INA	November[p]	221.8	194.0	27.8	12.5

[a]Estimated in cooperation with U.S. Department of Labor. Data not seasonally adjusted. Subtotals may not add to totals due to rounding. Rates computed from unrounded figures. [f]Defined as Delaware, Fairfield, Franklin, Madison, and Pickaway Counties. [g]Defined as Greene, Miami, Montgomery, and Preble Counties. [h]Defined as Fulton, Lucas, Ottawa, and Wood Counties, Ohio; and Monroe County, Michigan. [i]Defined as Mahoning and Trumbull Counties.
[p]Preliminary. INA—Information not available.

CIVILIAN LABOR FORCE ESTIMATES[a]
(not seasonally adjusted)

Year and Month	OHIO (in thousands)			Unemployment Rate	
	Civilian Labor Force	Total Employed	Total Unemployed	OHIO	U.S.
1973	4,621	4,423	198	4.3	4.9
1974	4,708	4,483	225	4.8	5.6
1975	4,721	4,292	429	9.1	8.5
1976	4,749	4,378	370	7.8	7.7
1977	4,830	4,518	312	6.5	7.1
1978	4,956	4,688	268	5.4	6.1
1979	5,056	4,758	298	5.9	5.8
1980	5,088	4,661	427	8.4	7.1
1981	5,098	4,606	492	9.6	7.6
1982	5,114	4,474	640	12.5	9.7
1983	5,110	4,488	622	12.2	9.6
1983					
December.	5,040	4,513	528	10.5	8.0
1984					
January .	4,964	4,452	512	10.3	8.8
February.	4,925	4,426	499	10.1	8.4
March ...	4,940	4,415	525	10.6	8.1
April ...	4,996	4,506	489	9.8	7.6
May	5,086	4,593	493	9.7	7.2
June	5,183	4,715	469	9.0	7.4
July	5,292	4,845	447	8.4	7.5
August ..	5,215	4,733	482	9.2	7.3
September	5,159	4,708	451	8.7	7.1
October .	5,185	4,712	473	9.1	7.0
November.	5,106	4,651	455	8.9	6.9
December.	5,095	4,625	469	9.2	7.0

OHIO NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT[a]
(in thousands)

Year and Month	Total Nonagricultural	Manufacturing	Nonmanufacturing
1973	4,112.9	1,426.3	2,686.5
1974	4,169.4	1,416.6	2,752.8
1975	4,016.2	1,267.5	2,748.7
1976	4,094.5	1,295.3	2,799.3
1977	4,230.1	1,344.1	2,885.9
1978	4,394.8	1,377.2	3,017.6
1979	4,484.7	1,382.3	3,102.5
1980	4,367.4	1,264.3	3,103.0
1981	4,317.6	1,232.6	3,085.1
1982	4,124.2	1,099.9	3,024.4
1983	4,083.8	1,066.9	3,017.0
1983			
December.	4,176.1	1,101.9	3,074.2
1984			
January .	4,083.3	1,101.0	2,982.3
February.	4,095.2	1,108.2	2,987.0
March ...	4,120.3	1,113.2	3,007.1
April ...	4,162.8	1,114.7	3,048.1
May	4,200.0	1,117.7	3,082.3
June	4,220.4	1,121.5	3,098.9
July	4,174.9	1,117.1	3,057.9
August ..	4,176.3	1,120.1	3,056.2
September	4,224.2	1,125.2	3,099.0
October .	4,242.1	1,120.1	3,122.0
November.	4,244.3	1,118.9	3,125.4
December.	4,244.9	1,117.9	3,127.1

OHIO NONMANUFACTURING WAGE AND SALARY EMPLOYMENT[a] (in thousands)

Year and Month	Mining	Construction	Transportation and Utilities	Wholesale Trade	Retail Trade	Finance, Insurance, Real Estate	Services	Government
1973	22.9	175.5	224.9	197.7	654.9	169.0	643.9	597.8
1974	24.2	172.3	227.8	205.7	668.1	171.9	669.7	613.1
1975	26.8	154.9	213.2	203.5	664.5	173.1	686.3	626.4
1976	28.2	154.2	213.7	208.4	682.4	177.0	703.2	632.2
1977	29.1	162.8	219.1	214.6	703.1	183.4	731.4	642.3
1978	29.0	176.6	225.0	226.0	730.4	191.1	772.1	667.5
1979	31.6	182.9	232.1	232.8	742.4	200.6	806.2	674.0
1980	30.7	167.4	223.1	230.6	726.6	203.8	830.9	689.9
1981	30.7	153.7	217.2	232.5	717.7	205.8	851.5	676.0
1982	30.3	134.6	206.8	226.0	703.4	206.4	857.3	659.6
1983	26.6	128.6	197.3	219.6	703.3	209.6	874.6	657.5
1983								
December.	27.1	130.9	200.2	221.3	730.4	212.1	880.7	671.5
1984								
January .	27.0	115.0	193.1	218.3	693.6	210.8	868.3	656.3
February.	26.7	111.8	193.1	217.9	682.4	210.3	875.0	669.9
March ...	27.2	114.5	193.8	218.9	688.6	210.7	882.2	671.2
April ...	27.4	123.6	196.0	220.2	704.1	211.8	894.4	670.5
May	27.9	131.5	198.4	221.6	715.4	212.6	902.3	672.7
June	28.2	138.8	200.1	223.2	721.9	214.8	912.1	659.8
July	28.3	144.0	200.1	223.6	718.6	215.6	906.4	621.2
August ..	28.1	145.0	200.7	223.6	720.4	215.7	905.5	617.2
September	27.9	145.1	201.0	223.8	723.3	215.1	911.5	651.3
October .	27.7	145.2	201.3	224.7	723.2	214.8	909.6	675.5
November.	27.5	140.1	200.3	224.9	733.2	214.9	904.9	679.6
December.	27.1	130.1	199.3	225.1	747.3	216.0	902.3	679.8

[a]Estimated in cooperation with U.S. Department of Labor. Data for latest month are preliminary, although other months are subject to revision. Subtotals may not add to totals due to rounding. Unemployment rates and averages computed from unrounded figures. All data exclude military personnel.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216

EMPLOYMENT, HOURS, AND EARNINGS IN MANUFACTURING IN OHIO[a]

Year and Month	Manufacturing Employment (in thousands)			Production Workers in Manufacturing		
	All Manufacturing	Durable Goods	Nondurable Goods	Production Workers (in thousands)	Aggregate Weekly Payroll (in millions)	Aggregate Weekly Hours (in millions)
1973	1,426.3	1,018.2	408.1	1,046.7	$210.8	44.3
1974	1,416.6	1,013.1	403.5	1,028.7	217.4	42.4
1975	1,267.5	892.4	375.1	897.8	201.5	36.2
1976	1,295.3	910.6	384.6	926.1	233.9	38.2
1977	1,344.1	945.2	398.9	958.0	271.2	40.2
1978	1,377.2	974.5	402.7	985.5	302.5	41.5
1979	1,382.3	980.5	401.8	979.0	318.5	40.6
1980	1,264.3	882.6	381.8	867.8	301.9	35.2
1981	1,232.6	860.4	372.2	847.7	330.4	34.7
1982	1,099.9	752.4	347.5	735.7	297.1	29.5
1983	1,066.9	723.6	343.3	721.7	315.7	29.9
1983						
December.	1,101.9	749.8	352.0	760.2	352.4	32.5
1984						
January .	1,101.0	750.4	350.5	758.6	349.5	32.2
February.	1,108.2	756.9	351.3	765.6	351.5	32.5
March ...	1,113.2	760.9	352.4	769.9	357.3	32.7
April ...	1,114.7	762.0	352.7	771.7	359.1	32.8
May	1,117.7	764.2	353.5	773.5	355.6	32.6
June	1,121.5	766.1	355.4	776.0	356.7	32.7
July	1,117.1	763.4	353.7	770.5	350.2	32.1
August ..	1,120.1	763.3	356.8	773.7	352.3	32.3
September	1,125.2	765.2	360.0	779.7	363.0	33.1
October .	1,120.1	763.5	356.6	774.9	357.7	32.5
November.	1,118.9	763.7	355.2	774.1	366.7	33.0
December.	1,117.9	763.9	353.9	773.0	376.3	33.4

Year and Month	Production Workers Average Weekly Earnings			Production Workers Average Weekly Hours			Production Workers Average Hourly Earnings		
	Manufacturing	Durable Goods	Nondurable Goods	Manufacturing	Durable Goods	Nondurable Goods	Manufacturing	Durable Goods	Nondurable Goods
1973	$201.35	$207.95	$185.89	42.3	42.7	41.4	$ 4.76	$ 4.87	$ 4.49
1974	211.36	216.94	196.17	41.2	41.4	40.7	5.13	5.24	4.82
1975	224.47	228.90	211.85	40.3	40.3	40.2	5.57	5.68	5.27
1976	252.54	258.75	235.00	41.2	41.4	41.3	6.10	6.25	5.69
1977	283.08	292.02	258.34	42.0	42.2	41.4	6.74	6.92	6.24
1978	306.91	316.83	279.30	42.1	42.3	41.5	7.29	7.49	6.73
1979	325.36	335.30	297.98	41.5	41.6	41.1	7.84	8.06	7.25
1980	347.94	358.57	319.99	40.6	40.7	40.2	8.57	8.81	7.96
1981	389.78	401.64	358.16	40.9	40.9	40.7	9.53	9.82	8.80
1982	403.81	414.80	378.95	40.1	40.0	40.4	10.07	10.37	9.38
1983	437.18	452.35	402.52	41.4	41.5	41.2	10.56	10.90	9.77
1983									
December.	463.52	483.15	419.05	42.8	43.1	42.2	10.83	11.21	9.93
1984									
January .	460.70	479.52	418.05	42.5	42.7	42.1	10.84	11.23	9.93
February.	459.19	478.67	414.24	42.4	42.7	41.8	10.83	11.21	9.91
March ...	464.10	484.50	417.32	42.5	42.8	41.9	10.92	11.32	9.96
April ...	465.38	483.79	420.26	42.5	42.7	41.9	10.95	11.33	10.03
May	459.73	477.99	413.17	42.1	42.3	41.4	10.92	11.30	9.98
June	459.73	478.41	414.59	42.1	42.3	41.5	10.92	11.31	9.99
July	454.53	472.63	412.00	41.7	41.9	41.2	10.90	11.28	10.00
August ..	455.36	474.60	412.82	41.7	42.0	41.2	10.92	11.30	10.02
September	465.55	484.79	421.10	42.4	42.6	41.9	10.98	11.38	10.05
October .	461.58	480.24	417.49	42.0	42.2	41.5	10.99	11.38	10.06
November.	473.71	495.50	423.19	42.6	42.9	41.9	11.12	11.55	10.10
December.	486.86	511.29	429.42	43.2	43.7	42.1	11.27	11.70	10.20

[a]Estimated in cooperation with U.S. Bureau of Labor Statistics. Data for latest month are preliminary, although other months are subject to revision. Subtotals may not add to totals due to rounding.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216

EMPLOYMENT AND AVERAGE WEEKLY EARNINGS IN SELECTED MAJOR MANUFACTURING INDUSTRIES IN OHIO[a]

Year and Month	Stone, Clay and Glass Products	Primary Metal Industries	Fabricated Metal Products	Machinery, Except Electrical	Electric & Electronic Equipment	Transportation Equipment	Food and Kindred Products	Printing and Publishing	Rubber and Plastics Products
	EMPLOYMENT (in thousands)								
1973	73.3	173.3	175.2	219.9	134.1	167.2	76.4	67.7	109.8
1974	72.2	172.4	172.7	227.7	131.4	162.5	76.0	67.9	107.0
1975	65.0	151.5	150.9	207.7	112.3	140.8	73.5	64.8	94.8
1976	66.3	154.6	157.9	205.9	115.5	143.0	73.8	64.5	98.2
1977	67.1	157.7	166.5	210.7	120.9	151.8	74.4	65.4	107.4
1978	69.3	157.5	173.3	216.7	122.2	164.1	74.6	66.6	107.4
1979	69.7	158.9	175.5	223.6	117.6	165.8	74.4	67.6	106.7
1980	64.5	139.8	157.6	211.4	106.4	139.1	72.7	67.4	92.7
1981	61.0	138.3	154.9	204.2	101.9	136.9	69.2	66.1	89.0
1982	54.2	112.7	134.9	176.7	93.4	121.7	66.9	63.2	80.4
1983	52.7	104.5	130.9	153.1	90.2	131.6	64.5	62.3	82.4
1983									
December.	53.7	110.3	137.3	155.5	91.9	138.5	65.2	63.0	87.5
1984									
January .	52.9	110.6	137.7	156.6	91.8	138.4	64.5	62.8	87.9
February.	53.4	111.1	137.6	157.2	92.8	141.3	64.1	62.8	88.7
March ...	54.0	112.2	137.8	158.5	93.7	140.9	64.1	63.1	88.8
April ...	54.1	111.7	138.4	159.2	93.3	141.2	64.6	63.1	89.3
May	55.0	111.1	139.6	160.0	92.8	141.6	64.8	63.2	89.2
June	55.5	111.6	139.9	159.2	92.9	141.9	65.9	63.1	89.5
July	55.5	110.4	138.9	158.7	93.6	141.0	65.1	63.2	88.9
August ..	55.8	108.3	139.5	159.2	94.0	141.2	67.5	63.0	89.3
September	56.1	107.8	140.6	160.7	94.6	139.9	69.0	63.3	90.4
October .	55.7	106.8	139.4	159.7	94.0	142.6	66.3	63.3	90.3
November.	55.1	106.2	139.9	160.7	93.1	143.7	65.2	63.1	90.4
December.	54.3	106.2	139.8	160.3	93.5	145.2	65.1	62.9	90.0
	AVERAGE WEEKLY EARNINGS OF PRODUCTION WORKERS								
1973	$189.03	$228.72	$204.67	$208.80	$176.23	$241.01	$188.94	$203.06	$193.12
1974	194.21	246.03	213.62	219.05	184.61	244.91	204.89	211.14	199.92
1975	207.55	256.46	224.96	228.25	201.30	263.22	222.68	226.95	213.31
1976	232.40	294.58	256.68	253.31	221.54	302.87	242.92	252.20	237.30
1977	253.95	329.54	290.44	279.18	248.44	359.20	258.54	271.96	263.97
1978	274.81	366.24	307.23	306.16	268.45	389.66	281.15	285.18	282.73
1979	293.34	395.43	323.38	329.09	289.27	391.56	304.50	302.62	300.66
1980	315.43	422.01	349.34	352.77	316.31	414.83	329.85	320.92	323.61
1981	348.02	484.04	389.61	389.16	350.27	471.50	362.75	347.70	368.67
1982	376.88	480.54	398.77	392.63	366.56	506.99	386.04	358.45	381.11
1983	400.57	503.85	460.65	424.09	394.63	557.92	403.79	375.62	412.25
1983									
December.	421.16	525.79	505.52	463.54	415.17	588.60	420.30	393.97	422.61
1984									
January .	419.33	525.39	486.86	468.27	409.59	585.09	409.64	391.40	429.44
February.	417.08	540.99	485.57	468.07	420.51	565.46	411.04	391.30	423.36
March ...	417.49	538.90	482.08	467.18	416.66	602.94	416.79	386.45	425.97
April ...	420.93	540.58	486.06	468.93	420.21	593.18	424.27	388.22	424.45
May	416.90	537.63	477.70	462.87	420.24	582.56	416.75	384.29	415.16
June	423.26	540.18	473.76	462.01	412.70	591.40	425.00	380.00	418.28
July	419.98	530.01	462.45	459.43	412.70	587.80	418.47	379.33	413.14
August ..	422.24	528.30	458.16	455.28	413.43	599.85	417.78	379.71	414.26
September	424.32	542.30	463.00	466.28	424.77	625.67	428.80	389.86	418.46
October .	424.13	536.76	459.68	461.74	424.15	611.97	412.37	385.15	414.80
November.	432.83	547.79	475.15	475.63	429.32	643.10	420.31	392.11	421.71
December.	444.13	552.52	504.14	487.52	441.21	664.10	427.57	397.17	429.86

[a]Estimated in cooperation with U.S. Bureau of Labor Statistics. Data for latest month are preliminary, although other months are subject to revision. Subtotals may not add to totals due to rounding.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN OHIO[a]
DECEMBER 1984

Industry	Employment (in thousands)			Percent Change From[d]	
	December 1984[b]	November 1984[c]	December 1983[c]	November 1984	December 1983
TOTAL	4244.9	4244.3	4176.1	.0	1.6
MANUFACTURING	1117.9	1118.9	1101.9	- .1	1.5
Durable Goods[e]	763.9	763.7	749.8	.0	1.9
Lumber and wood products	15.8	15.8	14.9	- .4	5.8
Furniture and fixtures	12.8	13.3	13.8	- 3.9	- 7.3
Household furniture	5.4	5.8	6.3	- 6.1	- 13.2
Stone, clay, and glass products	54.3	55.1	53.7	- 1.4	1.1
Glass and glassware, pressed or blown	13.5	13.5	13.6	.1	- .6
Structural clay products	4.8	4.9	4.7	- 2.9	.3
Pottery and related products	5.3	5.7	5.5	- 5.7	- 3.2
Primary metal industries	106.2	106.2	110.3	.0	- 3.7
Blast furnace and basic steel products	49.8	49.8	54.8	- .1	- 9.2
Iron and steel foundries	21.4	21.4	21.8	.0	- 1.8
Nonferrous rolling and drawing	18.9	19.0	19.0	- .3	- .3
Nonferrous foundries	9.7	9.5	8.9	1.5	8.1
Fabricated metal products	139.8	139.9	137.3	- .1	1.9
Cutlery, hand tools, and hardware	11.3	11.3	11.2	.7	1.7
Plumbing and heating, except electric	4.9	4.9	4.7	- .6	3.7
Fabricated structural metal products	29.4	30.0	29.2	- 1.8	.7
Screw machine products, bolts, etc.	9.1	9.0	8.8	.8	2.5
Metal forgings and stampings	44.0	43.7	42.8	.7	2.8
Machinery, except electrical	160.3	160.7	155.5	- .3	3.0
Construction and related machinery	15.1	15.5	15.7	- 2.3	- 3.3
Metalworking machinery	40.0	39.9	38.3	.3	4.3
Special industry machinery	17.9	17.8	16.2	.2	10.4
General industrial machinery	31.7	31.6	30.5	.1	3.7
Electric and electronic equipment	93.5	93.1	91.9	.4	1.8
Electrical industrial apparatus	19.6	19.6	18.8	- .1	4.5
Household appliances	16.5	16.1	16.1	2.1	2.5
Electric lighting and wiring equipment	18.3	18.2	18.6	.7	- 1.7
Communication equipment	10.4	10.4	10.0	.0	4.9
Transportation equipment	145.2	143.7	138.5	1.0	4.8
Motor vehicles and equipment	95.8	94.8	92.7	1.0	3.3
Aircraft and parts	41.4	40.9	37.7	1.2	9.8
Instruments and related products	21.9	21.7	21.2	.7	3.5
Measuring and controlling devices	12.5	12.5	12.5	.1	.1
Nondurable Goods[f]	353.9	355.2	352.0	- .4	.5
Food and kindred products	65.1	65.2	65.2	- .2	- .2
Meat products	10.7	10.7	10.7	.1	.5
Dairy products	10.2	10.3	10.2	- 1.3	- .6
Bakery products	9.8	10.0	9.9	- 1.2	- .8
Beverages	10.1	10.2	10.5	- 1.0	- 4.3
Textile mill products	4.6	4.6	4.7	.8	- .9
Apparel and other textile products	17.7	17.9	17.3	- .7	2.7
Paper and allied products	35.9	36.2	35.5	- .9	1.0
Paper mills, except building paper	9.8	9.8	9.5	.4	3.4
Misc. converted paper products	11.2	11.5	11.5	- 2.4	- 2.4
Paperboard containers and boxes	12.0	11.9	11.6	.9	3.5
Printing and publishing	62.9	63.1	63.0	- .4	- .2
Newspapers	18.3	18.3	18.2	.4	1.0
Commercial printing	23.2	23.5	23.1	- 1.0	.5
Chemicals and allied products	63.5	63.3	64.2	.3	- 1.1
Industrial inorganic chemicals	11.6	11.6	11.3	.0	2.9
Plastics materials and synthetics	8.4	8.4	8.9	.2	- 5.4
Petroleum and coal products	9.6	9.8	9.5	- 2.0	.6
Rubber and misc. plastics products	90.0	90.4	87.5	- .5	2.9
Tires and inner tubes	20.6	20.6	20.3	.0	1.4
Miscellaneous plastics products	48.8	49.0	46.5	- .3	4.9
Leather and leather products	4.5	4.5	5.0	- .1	- 9.6

See footnotes at end of table.

HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN OHIO[a]
DECEMBER 1984

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	December 1984[b]	November 1984[c]	December 1983[c]	Dec. 1984[b]	Nov. 1984[c]	Dec. 1983[c]	Dec. 1984[b]	Nov. 1984[c]	Dec. 1983[c]
TOTAL	.....	.....	.....	....	....	....	....	....	....
MANUFACTURING	$486.86	$473.71	$463.52	43.2	42.6	42.8	$11.27	$11.12	$10.83
Durable Goods[d]	511.29	495.50	483.15	43.7	42.9	43.1	11.70	11.55	11.21
Lumber and wood products	296.40	293.83	287.62	40.0	39.6	39.4	7.41	7.42	7.30
Furniture and fixtures	343.18	322.75	326.56	41.8	40.7	41.6	8.21	7.93	7.85
Household furniture	284.31	276.90	290.39	40.5	39.5	40.5	7.02	7.01	7.17
Stone, clay, and glass products	444.13	432.83	421.16	42.5	41.9	42.2	10.45	10.33	9.98
Glass and glassware, pressed or blown	444.31	450.55	435.01	39.6	40.3	41.0	11.22	11.18	10.61
Structural clay products	309.61	316.68	299.80	40.9	40.6	40.9	7.57	7.80	7.33
Pottery and related products	336.14	316.72	325.84	37.6	36.7	37.8	8.94	8.63	8.62
Primary metal industries	552.52	547.79	525.79	42.6	42.3	42.3	12.97	12.95	12.43
Blast furnace and basic steel products	518.20	512.08	522.70	39.8	39.3	40.9	13.02	13.03	12.78
Iron and steel foundries	599.42	603.00	529.33	44.6	45.0	43.0	13.44	13.40	12.31
Nonferrous rolling and drawing	631.16	627.45	578.92	44.7	44.5	43.3	14.12	14.10	13.37
Nonferrous foundries	464.39	444.66	445.47	46.3	44.6	46.5	10.03	9.97	9.58
Fabricated metal products	504.14	475.15	505.52	43.8	42.5	44.5	11.51	11.18	11.36
Cutlery, hand tools, and hardware	474.16	461.03	503.37	40.7	40.3	42.3	11.65	11.44	11.90
Plumbing and heating, except electric	406.73	399.53	389.42	42.5	42.1	42.7	9.57	9.49	9.12
Fabricated structural metal products	450.40	448.22	444.28	44.2	43.9	43.6	10.19	10.21	10.19
Screw machine products, bolts, etc.	402.27	405.34	406.93	42.3	42.4	42.7	9.51	9.56	9.53
Metal forgings and stampings	644.03	573.31	632.48	46.3	43.4	47.2	13.91	13.21	13.40
Machinery, except electrical	487.52	475.63	463.54	44.0	43.2	43.0	11.08	11.01	10.78
Construction and related machinery	419.42	417.18	430.14	40.8	40.7	40.2	10.28	10.25	10.70
Metalworking machinery	461.04	454.46	431.60	43.7	43.2	41.7	10.55	10.52	10.35
Special industry machinery	489.29	478.63	456.26	45.6	44.9	44.6	10.73	10.66	10.23
General industrial machinery	476.86	466.46	463.49	42.2	41.5	42.6	11.30	11.24	10.88
Electric and electronic equipment	441.21	429.32	415.17	42.1	41.4	41.6	10.48	10.37	9.98
Electrical industrial apparatus	418.91	417.49	387.73	41.6	41.5	40.6	10.07	10.06	9.55
Household appliances	469.94	427.73	424.13	42.8	40.2	41.5	10.98	10.64	10.22
Electric lighting and wiring equipment	421.46	440.99	409.64	40.8	42.2	41.8	10.33	10.45	9.80
Communication equipment	500.69	498.23	464.53	43.5	43.4	42.5	11.51	11.48	10.93
Transportation equipment	664.10	643.10	588.60	46.9	46.1	45.0	14.16	13.95	13.08
Motor vehicles and equipment	686.25	658.72	607.45	47.1	46.0	45.4	14.57	14.32	13.38
Aircraft and parts	635.16	633.65	547.28	47.4	47.5	44.1	13.40	13.34	12.41
Instruments and related products	339.47	334.14	327.59	41.5	41.1	41.0	8.18	8.13	7.99
Measuring and controlling devices	332.10	325.98	325.19	40.5	39.9	40.7	8.20	8.17	7.99
Nondurable Goods[e]	429.42	423.19	419.05	42.1	41.9	42.2	10.20	10.10	9.93
Food and kindred products	427.57	420.31	420.30	42.8	42.2	42.8	9.99	9.96	9.82
Meat products	404.35	401.29	402.14	43.2	42.6	42.6	9.36	9.42	9.44
Dairy products	430.96	423.24	427.49	43.4	43.1	43.8	9.93	9.82	9.76
Bakery products	459.82	442.60	427.84	41.5	40.2	40.4	11.08	11.01	10.59
Beverages	397.29	378.10	373.46	41.0	39.1	40.2	9.69	9.67	9.29
Textile mill products	336.13	312.84	322.41	41.6	39.4	42.2	8.08	7.94	7.64
Apparel and other textile products	257.67	250.90	253.13	39.1	38.6	39.8	6.59	6.50	6.36
Paper and allied products	460.85	466.51	448.23	44.1	44.9	44.6	10.45	10.39	10.05
Paper mills, except building paper	562.85	581.25	561.68	45.1	46.5	47.6	12.48	12.50	11.80
Misc. converted paper products	442.26	427.00	396.68	45.5	44.9	43.4	9.72	9.51	9.14
Paperboard containers and boxes	381.20	400.58	392.05	41.3	43.4	42.8	9.23	9.23	9.16
Printing and publishing	397.17	392.11	393.97	38.9	38.9	38.7	10.21	10.08	10.18
Newspapers	326.04	339.18	325.92	33.1	34.4	33.6	9.85	9.86	9.70
Commercial printing	416.53	403.44	416.34	41.2	41.0	40.5	10.11	9.84	10.28
Chemicals and allied products	501.62	488.97	476.15	42.8	41.9	42.4	11.72	11.67	11.23
Industrial inorganic chemicals	519.98	518.75	514.03	41.4	41.5	42.8	12.56	12.50	12.01
Plastics materials and synthetics	541.08	535.19	538.35	43.6	43.3	44.9	12.41	12.36	11.99
Petroleum and coal products	633.74	633.05	615.17	43.2	43.3	43.2	14.67	14.62	14.24
Rubber and misc. plastics products	429.86	421.71	422.61	42.9	42.9	43.3	10.02	9.83	9.76
Tires and inner tubes	595.01	607.38	567.09	45.7	46.4	44.9	13.02	13.09	12.63
Miscellaneous plastics products	421.40	401.43	414.72	43.0	42.3	43.2	9.80	9.49	9.60
Leather and leather products	210.83	210.89	213.88	40.7	40.4	39.1	5.18	5.22	5.47

See footnotes at end of table.

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN OHIO[a]
DECEMBER 1984 (Continued)

Industry	Employment (in thousands)			Percent Change From[d]	
	December 1984[b]	November 1984[c]	December 1983[c]	November 1984	December 1983
NONMANUFACTURING	3127.1	3125.4	3074.2	.1	1.7
MINING	27.1	27.5	27.1	- 1.2	.2
Bituminous coal and lignite mining	11.1	11.2	11.7	- .9	- 5.2
CONSTRUCTION	130.1	140.1	130.9	- 7.1	- .6
General building contractors	34.5	35.8	32.9	- 3.6	4.9
Heavy construction contractors	17.8	22.0	18.3	- 19.2	- 2.9
TRANSPORTATION AND PUBLIC UTILITIES	199.3	200.3	200.2	- .5	- .5
Railroad transportation	18.1	18.5	18.6	- 2.6	- 3.0
Transportation, except railroads	90.4	91.0	88.6	- .7	2.0
Trucking and warehousing	64.6	65.0	64.1	- .7	.7
Communication, electric, gas services	90.8	90.7	93.0	.1	- 2.3
Communication	51.0	51.0	53.0	.0	- 3.7
Electric, gas, and sanitary services	39.8	39.7	40.0	.2	- .5
WHOLESALE TRADE	225.1	224.9	221.3	.1	1.7
Wholesale trade-durable goods	140.7	140.7	138.6	.0	1.5
Motor vehicles & automotive equipment	20.6	20.6	20.3	- .2	1.3
Electrical goods	18.9	18.8	18.7	.4	.9
Machinery, equipment, and supplies	58.6	58.8	57.9	- .2	1.3
Wholesale trade-nondurable goods	84.4	84.1	82.7	.3	2.1
Groceries and related products	26.5	26.5	25.8	.2	2.8
RETAIL TRADE	747.3	733.2	730.4	1.9	2.3
General merchandise stores	129.8	122.3	125.6	6.1	3.4
Department stores	120.3	113.3	115.9	6.1	3.7
Food stores	124.1	122.5	120.9	1.3	2.6
Automotive dealers & service stations	74.9	75.1	74.3	- .2	.9
Apparel and accessory stores	36.9	35.0	36.8	5.3	.0
FINANCE, INSURANCE, AND REAL ESTATE	216.0	214.9	212.1	.5	1.9
Banking	58.0	57.6	58.4	.6	- .8
Credit agencies other than banks	32.9	32.6	31.8	1.0	3.5
Insurance carriers	59.6	59.5	59.2	.3	.6
SERVICES	902.3	904.9	880.7	- .3	2.4
Hotels and other lodging places	29.0	29.0	28.5	- .1	1.6
Laundry, cleaning, & garment services	16.6	16.7	16.5	- .2	.6
Business services	139.0	138.2	131.3	.6	5.9
Health services	332.5	332.0	324.0	.1	2.6
Hospitals	178.3	178.2	177.0	.0	.7
GOVERNMENT	679.8	679.6	671.5	.0	1.2
Federal government	91.0	91.0	88.9	.0	2.3
State government	148.9	148.3	147.0	.4	1.3
State government, except education	68.6	68.4	69.3	.2	- 1.0
State government education[i]	80.3	79.8	77.8	.6	3.3
Local government	439.9	440.4	435.5	- .1	1.0
Local government, except education	180.1	180.2	179.6	- .1	.3
Local government education	259.8	260.2	255.9	- .1	1.5

[a]Estimated in cooperation with U. S. Bureau of Labor Statistics. Based on benchmark. Includes full and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [e]Includes miscellaneous manufacturing. [f]Includes tobacco manufactures. [h]Depressed due to labor-management disputes, [i]Includes State Universities, State Schools for Deaf and Blind, and the State Library. Excludes hospitals, the agricultural extension service, agricultural research centers, and departments coordinating and administering educational programs (notably, the Ohio Department of Education).

Division of Research and Statistics
Ohio Bureau of Employment Services
Columbus 43216

HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN OHIO[a]
DECEMBER 1984 (Continued)

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	December 1984[b]	November 1984[c]	December 1983[c]	Dec. 1984[b]	Nov. 1984[c]	Dec. 1983[c]	Dec. 1984[b]	Nov. 1984[c]	Dec. 1983[c]
NONMANUFACTURING	.....	.....	.....	....	....	....	....	....	....
MINING	$507.05	$498.33	$482.24	43.9	44.1	43.8	$11.55	$11.30	$11.01
Bituminous coal and lignite mining	632.85	604.09	575.98	41.8	40.9	41.2	15.14	14.77	13.98
CONSTRUCTION	606.31	599.69	580.99	37.8	38.1	37.1	16.04	15.74	15.66
General building contractors	539.11	552.12	515.13	37.7	38.8	36.2	14.30	14.23	14.23
Heavy construction contractors	533.16	547.60	557.08	36.0	37.0	38.0	14.81	14.80	14.66
TRANSPORTATION AND PUBLIC UTILITIES	.....	.....	.....	....	....	....	....	....	....
Railroad transportation	.....	.....	.....	....	....	....	....	....	....
Transportation, except railroads	.....	.....	.....	....	....	....	....	....	....
Trucking and warehousing	448.03	444.46	473.77	35.9	35.5	38.3	12.48	12.52	12.37
Communication, electric, gas services	506.75	504.70	488.38	40.9	40.8	40.8	12.39	12.37	11.97
Communication	495.32	495.72	493.27	40.5	40.5	40.8	12.23	12.24	12.09
Electric, gas, and sanitary services	522.90	516.22	481.44	41.5	41.1	40.8	12.60	12.56	11.80
WHOLESALE TRADE	341.82	339.30	336.31	39.2	39.0	39.8	8.72	8.70	8.45
Wholesale trade-durable goods	338.64	334.90	330.06	39.7	39.4	40.3	8.53	8.50	8.19
Motor vehicles & automotive equipment	277.85	276.05	270.27	39.3	39.1	38.5	7.07	7.06	7.02
Electrical goods	289.48	289.93	281.05	38.7	38.3	38.5	7.48	7.57	7.30
Machinery, equipment, and supplies	384.47	379.60	373.60	39.8	39.5	41.1	9.66	9.61	9.09
Wholesale trade-nondurable goods	346.62	348.04	345.43	38.3	38.5	38.9	9.05	9.04	8.88
Groceries and related products	392.81	385.33	378.84	41.7	41.3	42.0	9.42	9.33	9.02
RETAIL TRADE[f]	160.82	157.85	163.14	29.4	28.7	30.1	5.47	5.50	5.42
General merchandise stores	167.79	160.23	175.16	31.9	29.4	33.3	5.26	5.45	5.26
Department stores	170.03	162.58	178.02	31.9	29.4	33.4	5.33	5.53	5.33
Food stores	195.80	198.16	214.76	29.4	29.4	30.9	6.66	6.74	6.95
Automotive dealers & service stations	235.89	229.32	212.36	36.8	36.4	36.3	6.41	6.30	5.85
Apparel and accessory stores	130.75	122.58	127.46	28.8	27.0	28.2	4.54	4.54	4.52
FINANCE, INSURANCE, AND REAL ESTATE	.....	.....	.....	....	....	....	....	....	....
Banking	226.14	224.55	218.44	....	....	....	....	....	....
Credit agencies other than banks	225.44	222.97	212.02	....	....	....	....	....	....
Insurance carriers	305.24	304.25	293.26	....	....	....	....	....	....
SERVICES	.....	.....	.....	....	....	....	....	....	....
Hotels and other lodging places	.....	.....	.....	....	....	....	....	....	....
Laundry, cleaning, & garment services	.....	.....	.....	....	....	....	....	....	....
Business services	.....	.....	.....	....	....	....	....	....	....
Health services	.....	.....	.....	....	....	....	....	....	....
Hospitals	297.64	298.32	282.74	33.9	33.9	33.5	8.78	8.80	8.44
GOVERNMENT	.....	.....	.....	....	....	....	....	....	....
Federal government	.....	.....	.....	....	....	....	....	....	....
State government	.....	.....	.....	....	....	....	....	....	....
State government, except education	.....	.....	.....	....	....	....	....	....	....
State government education	.....	.....	.....	....	....	....	....	....	....
Local government	.....	.....	.....	....	....	....	....	....	....
Local government, except education	.....	.....	.....	....	....	....	....	....	....
Local government education	.....	.....	.....	....	....	....	....	....	....

[a]Estimated in cooperation with U.S. Bureau of Labor Statistics. Data relate to full and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. [b]Preliminary. [c]Revised. [d]Includes miscellaneous manufacturing. [e]Includes tobacco manufactures. [f]Money payments only, tips not included. [h]Low due to labor-management disputes during part of pay period.

Division of Research and Statistics
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NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN AKRON METROPOLITAN AREA[a]
DECEMBER 1984

Industry	Employment (in thousands)			Percent Change From[d]	
	December 1984[b]	November 1984[c]	December 1983[c]	November 1984	December 1983
TOTAL	254.0	254.3	250.9	- .2	1.2
MANUFACTURING	66.9	67.3	66.2	- .7	1.1
Durable Goods[e]	34.9	35.1	33.6	- .5	4.0
Stone, clay, and glass products	1.0	1.0	1.4	- 4.4	- 30.6
Fabricated metal products	13.2	13.1	12.7	.5	3.7
Machinery, except electrical	9.1	9.3	8.6	- 2.2	5.7
Special industry machinery	1.5	1.6	1.4	- 1.2	9.5
Nondurable Goods[f]	32.0	32.2	32.6	- .9	- 1.9
Food and kindred products	2.7	2.7	2.7	1.1	.3
Chemicals and allied products	2.6	2.7	2.9	- 1.4	- 9.6
Rubber and misc. plastics products	21.8	21.9	21.7	- .5	.5
Tires and inner tubes	15.6	15.6	15.4	.0	1.1
NONMANUFACTURING[g]	187.1	187.0	184.7	.0	1.3
CONSTRUCTION	6.8	7.5	6.8	- 9.3	- .3
TRANSPORTATION AND PUBLIC UTILITIES	12.4	12.4	12.5	- .2	- 1.2
Communication, electric, gas services	5.2	5.2	5.3	.0	- 2.1
WHOLESALE TRADE	11.9	11.8	11.8	1.0	1.1
RETAIL TRADE	47.8	46.9	47.0	1.8	1.7
FINANCE, INSURANCE, AND REAL ESTATE	9.7	9.6	9.5	.3	1.6
SERVICES	54.9	55.1	53.4	- .4	2.7
GOVERNMENT	43.0	43.0	43.0	.0	.0
State government (includes education)	15.1	15.0	14.9	.4	1.0
Local government (includes education)	25.7	25.8	26.0	- .2	- 1.0

[a]Estimated in cooperation with U.S. Bureau of Labor Statistics. Akron area is defined as Portage and Summit Counties. Based on March 1983 benchmark. Includes full and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [e]Includes lumber and wood products; furniture and fixtures; primary metal industries; electric and electronic equipment; transportation equipment; instruments and related products; miscellaneous manufacturing. [f]Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; petroleum and coal products; leather and leather products. [g]Includes mining. [h]Depressed due to labor-management disputes.

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HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN AKRON METROPOLITAN AREA[a]
DECEMBER 1984

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	December 1984[b]	November 1984[c]	December 1983[c]	Dec. 1984[b]	Nov. 1984[c]	Dec. 1983[c]	Dec. 1984[b]	Nov. 1984[c]	Dec. 1983[c]
TOTAL	.....	.....	.....	....	....	....	....	....	....
MANUFACTURING	$505.76	$480.69	$500.96	45.4	44.1	45.5	$11.14	$10.90	$11.01
Durable Goods[d]	537.05	500.19	545.37	46.7	44.9	47.3	11.50	11.14	11.53
Stone, clay, and glass products	401.40	407.04	385.52	41.9	42.4	40.2	9.58	9.60	9.59
Fabricated metal products	684.50	596.24	724.17	50.0	45.9	52.4	13.69	12.99	13.82
Machinery, except electrical	434.24	419.85	420.38	46.0	45.0	45.3	9.44	9.33	9.28
Special industry machinery	460.93	444.92	468.00	46.7	45.4	46.8	9.87	9.80	10.00
Nondurable Goods[e]	457.00	450.45	438.60	43.4	42.9	43.0	10.53	10.50	10.20
Food and kindred products	450.70	457.00	473.80	43.8	43.9	46.0	10.29	10.41	10.30
Chemicals and allied products	427.99	446.84	466.99	40.8	41.8	43.2	10.49	10.69	10.81
Rubber and misc. plastics products	482.38	479.08	455.52	44.5	44.4	43.8	10.84	10.79	10.40
Tires and inner tubes	645.78	645.78	603.59	47.8	47.8	45.9	13.51	13.51	13.15
NONMANUFACTURING	.....	.....	.....	....	....	....	....	....	....
CONSTRUCTION	558.73	557.52	569.06	37.1	36.8	35.7	15.06	15.15	15.94
TRANSPORTATION AND PUBLIC UTILITIES	.....	.....	.....	....	....	....	....	....	....
Communication, electric, gas services	514.49	514.49	503.07	40.8	40.8	41.0	12.61	12.61	12.27
WHOLESALE TRADE	334.96	328.28	305.36	39.5	39.6	39.3	8.48	8.29	7.77
RETAIL TRADE[f]	180.29	178.50	177.75	30.2	29.8	30.7	5.97	5.99	5.79
FINANCE, INSURANCE, AND REAL ESTATE	.....	.....	.....	....	....	....	....	....	....
SERVICES	.....	.....	.....	....	....	....	....	....	....
GOVERNMENT	.....	.....	.....	....	....	....	....	....	....
State government (includes education)	.....	.....	.....	....	....	....	....	....	....
Local government (includes education)	.....	.....	.....	....	....	....	....	....	....

[a]Estimated in cooperation with U.S. Bureau of Labor Statistics. Akron area is defined as Portage and Summit Counties. Data relate to full and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. [b]Preliminary. [c]Revised. [d]Includes lumber and wood products; furniture and fixtures; primary metal industries; electric and electronic equipment; transportation equipment; instruments and related products; miscellaneous manufacturing. [e]Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; petroleum and coal products; leather and leather products. [f]Money payments only, tips not included. [h]Low due to labor-management disputes during part of pay period.

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NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN CANTON METROPOLITAN AREA[a]
DECEMBER 1984

Industry	Employment (in thousands)			Percent Change From[d]	
	December 1984[b]	November 1984[c]	December 1983[c]	November 1984	December 1983
TOTAL	149.3	149.3	146.7	.0	1.7
MANUFACTURING	45.8	45.7	44.9	.3	2.0
Durable Goods[e]	34.4	34.2	33.8	.4	1.7
Stone, clay, and glass products	1.5	1.5	1.7	- 2.0	- 10.3
Primary metal industries	10.7	10.8	11.0	- .2	- 1.9
Fabricated metal products	7.8	7.7	7.7	.3	1.1
Fabricated structural metal products	1.8	1.8	1.9	.7	- 5.8
Metal forgings and stampings	2.8	2.8	2.4	.7	14.3
Nondurable Goods[f]	11.5	11.4	11.1	.1	2.9
Food and kindred products	4.1	4.1	4.1	.2	1.1
Rubber and misc. plastics products	2.8	2.8	2.7	- .6	4.1
NONMANUFACTURING[g]	103.5	103.6	101.8	- .1	1.6
CONSTRUCTION	5.0	5.3	4.5	- 7.4	11.1
TRANSPORTATION AND PUBLIC UTILITIES	5.7	5.7	5.8	- .7	- 2.1
Communication, electric, gas services	2.7	2.7	2.7	- .2	- 2.3
WHOLESALE TRADE	7.7	7.7	7.4	.4	4.4
RETAIL TRADE	26.8	26.5	26.5	1.2	1.1
FINANCE, INSURANCE, AND REAL ESTATE	6.9	6.8	6.6	.8	4.1
SERVICES	31.9	32.1	31.0	- .6	2.9
GOVERNMENT	18.2	18.2	18.6	.5	- 2.1
Local government (includes education)	15.4	15.3	15.8	.5	- 2.8

[a]Estimated in cooperation with U. S. Bureau of Labor Statistics. Canton area is defined as Carroll and Stark Counties. Based on March 1983 benchmark. Includes full and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [e]Includes lumber and wood products; furniture and fixtures; machinery, except electrical; electric and electronic equipment; transportation equipment; instruments and related products; miscellaneous manufacturing. [f]Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; leather and leather products. [g]Includes mining. [h]Depressed due to labor-management disputes.

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HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN CANTON METROPOLITAN AREA[a]
DECEMBER 1984

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	December 1984[b]	November 1984[c]	December 1983[c]	Dec. 1984[b]	Nov. 1984[c]	Dec. 1983[c]	Dec. 1984[b]	Nov. 1984[c]	Dec. 1983[c]
TOTAL	.....	.....	.....	....	....	....	....	....	....
MANUFACTURING	$438.75	$439.56	$443.90	40.7	40.7	40.8	$10.78	$10.80	$10.88
Durable Goods[d]	453.81	452.48	459.19	40.7	40.4	40.6	11.15	11.20	11.31
Stone, clay, and glass products	313.83	281.92	276.69	41.9	38.2	40.1	7.49	7.38	6.90
Primary metal industries	483.48	479.46	485.19	39.5	39.3	40.5	12.24	12.20	11.98
Fabricated metal products	505.56	528.04	527.07	42.2	43.0	41.6	11.98	12.28	12.67
Fabricated structural metal products	402.12	417.63	474.01	43.1	44.1	41.8	9.33	9.47	11.34
Metal forgings and stampings	625.90	668.83	653.57	43.8	45.1	44.4	14.29	14.83	14.72
Nondurable Goods[e]	392.90	399.36	397.99	40.8	41.6	41.5	9.63	9.60	9.59
Food and kindred products	411.74	412.98	421.28	42.1	42.4	42.9	9.78	9.74	9.82
Rubber and misc. plastics products	465.62	469.94	452.09	44.6	45.1	45.3	10.44	10.42	9.98
NONMANUFACTURING	.....	.....	.....	....	....	....	....	....	....
CONSTRUCTION	598.94	596.48	567.58	36.7	37.8	36.5	16.32	15.78	15.55
TRANSPORTATION AND PUBLIC UTILITIES	.....	.....	.....	....	....	....	....	....	....
Communication, electric, gas services	510.45	495.71	495.60	41.0	40.4	41.3	12.45	12.27	12.00
WHOLESALE TRADE	314.51	324.18	323.39	34.6	35.9	37.3	9.09	9.03	8.67
RETAIL TRADE[f]	161.70	157.72	163.10	30.0	29.1	30.6	5.39	5.42	5.33
FINANCE, INSURANCE, AND REAL ESTATE	.....	.....	.....	....	....	....	....	....	....
SERVICES	.....	.....	.....	....	....	....	....	....	....
GOVERNMENT	.....	.....	.....	....	....	....	....	....	....
Local government (includes education)	.....	.....	.....	....	....	....	....	....	....

[a]Estimated in cooperation with U.S. Bureau of Labor Statistics. Canton area is defined as Carroll and Stark Counties. Data relate to full and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. [b]Preliminary. [c]Revised. [d]Includes lumber and wood products; furniture and fixtures; machinery, except electrical; electric and electronic equipment; transportation equipment; instruments and related products; miscellaneous manufacturing. [e]Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; leather and leather products. [f]Money payments only, tips not included. [h]Low due to labor-management disputes during part of pay period.

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NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN CINCINNATI METROPOLITAN AREA[a]
DECEMBER 1984

Industry	Employment (in thousands)			Percent Change From[d]	
	December 1984[b]	November 1984[c]	December 1983[c]	November 1984	December 1983
TOTAL	598.6	596.1	583.8	.4	2.5
MANUFACTURING	146.2	146.4	141.7	- .1	3.2
Durable Goods[e]	79.7	79.6	75.9	.2	5.0
Furniture and fixtures	1.8	1.9	2.1	- 3.9	- 13.9
Primary metal industries	2.2	2.2	2.0	- .8	12.0
Fabricated metal products	11.4[h]	11.6[h]	12.7	- 1.3	- 10.0
Fabricated structural metal products	3.7	3.8	4.0	- 1.5	- 7.5
Machinery, except electrical	19.0	19.0	18.6	.5	2.4
Metalworking machinery	8.0	8.1	7.8	- .6	2.9
General industrial machinery	3.2	3.2	3.4	1.0	- 5.6
Electric and electronic equipment	8.2	8.1	8.1	.2	.6
Transportation equipment	26.7	26.3	23.0	1.4	15.8
Motor vehicles and equipment	10.2	10.1	8.1	.8	25.3
Nondurable Goods[f]	66.5	66.8	65.8	- .5	1.0
Food and kindred products	14.7	14.8	14.4	- .7	2.3
Meat products	2.5	2.5	2.2	.4	11.9
Bakery products	2.3	2.4	2.4	- 4.2	- 4.1
Beverages	4.2	4.2	4.3	- 1.0	- 1.4
Apparel and other textile products	3.8	4.0	4.0	- 2.9	- 4.4
Paper and allied products	6.2	6.1	6.1	.6	1.3
Printing and publishing	11.6	11.6	11.7	- .1	- 1.0
Chemicals and allied products	21.9	21.8	21.6	.2	1.1
Rubber and misc. plastics products	5.2	5.2	4.8	- 1.4	8.4
NONMANUFACTURING[g]	452.4	449.8	442.1	.6	2.3
CONSTRUCTION	20.2	21.2	20.7	- 4.5	- 2.2
TRANSPORTATION AND PUBLIC UTILITIES	30.8	30.9	31.5	- .4	- 2.3
Communication, electric, gas services	13.8	13.8	14.8	- .1	- 6.2
WHOLESALE TRADE	36.6	36.4	36.2	.5	1.3
RETAIL TRADE	110.3	107.9	107.8	2.2	2.3
FINANCE, INSURANCE, AND REAL ESTATE	34.1	34.0	33.1	.3	3.0
Banking	7.6	7.5	7.4	.6	2.2
Insurance carriers	11.5	11.6	11.1	- .2	4.2
SERVICES	137.0	135.7	131.4	1.0	4.3
GOVERNMENT	82.8	83.1	81.0	- .4	2.3
Federal government	13.4	13.4	12.6	- .2	6.8
State government (includes education)	17.9	17.9	17.8	- .1	.5
Local government	51.5	51.8	50.6	- .5	1.7
Local government, except education	21.1	21.2	21.2	- .6	- .7
Local government education	30.4	30.5	29.4	- .4	3.5

[a]Estimated in cooperation with U. S. Bureau of Labor Statistics. Cincinnati area is defined as Clermont, Hamilton, and Warren Counties, Ohio; Dearborn County, Indiana; Boone, Campbell, and Kenton Counties, Kentucky. Based on March 1983 benchmark. Includes full and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [e]Includes lumber and wood products; stone, clay, and glass products; instruments and related products; miscellaneous manufacturing. [f]Includes tobacco manufactures; textile mill products; petroleum and coal products; leather and leather products. [g]Includes mining. [h]Depressed due to labor-management disputes.

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HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN CINCINNATI METROPOLITAN AREA[a]
DECEMBER 1984

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	December 1984[b]	November 1984[c]	December 1983[c]	Dec. 1984[b]	Nov. 1984[c]	Dec. 1983[c]	Dec. 1984[b]	Nov. 1984[c]	Dec. 1983[c]
TOTAL	.....	.....	.....	....	....	....	....	....	....
MANUFACTURING	$471.76	$462.24	$436.30	43.4	42.8	42.4	$10.87	$10.80	$10.29
Durable Goods[d]	479.39	466.77	424.37	43.9	43.1	42.1	10.92	10.83	10.08
Furniture and fixtures	355.18	343.51	332.52	43.0	42.2	40.9	8.26	8.14	8.13
Primary metal industries	483.42	490.68	476.21	42.0	42.3	41.7	11.51	11.60	11.42
Fabricated metal products	395.73	388.52	390.70	41.7	41.2	41.3	9.49	9.43	9.46
Fabricated structural metal products	412.02	387.86	385.06	43.6	41.0	41.9	9.45	9.46	9.19
Machinery, except electrical	409.36	407.97	400.01	41.9	41.8	42.6	9.77	9.76	9.39
Metalworking machinery	445.21	449.76	423.15	41.3	41.3	40.3	10.78	10.89	10.50
General industrial machinery	352.80	377.98	353.01	40.0	41.4	41.0	8.82	9.13	8.61
Electric and electronic equipment	350.26	349.87	319.19	41.5	41.8	41.4	8.44	8.37	7.71
Transportation equipment	722.22	696.07	599.35	48.7	47.0	44.2	14.83	14.81	13.56
Motor vehicles and equipment	791.84	737.57	652.74	50.5	46.8	44.8	15.68	15.76	14.57
Nondurable Goods[e]	462.67	458.15	447.73	42.8	42.5	42.6	10.81	10.78	10.51
Food and kindred products	503.42	487.77	505.89	43.7	42.6	43.8	11.52	11.45	11.55
Meat products	426.69	412.43	423.55	45.2	44.3	43.0	9.44	9.31	9.85
Bakery products	502.55	468.31	482.65	43.7	40.9	43.6	11.50	11.45	11.07
Beverages	471.38	464.02	474.80	41.9	41.1	43.6	11.25	11.29	10.89
Apparel and other textile products	223.30	219.64	217.74	38.5	38.0	38.0	5.80	5.78	5.73
Paper and allied products	394.74	415.58	411.24	42.4	44.4	44.7	9.31	9.36	9.20
Printing and publishing	466.29	432.52	444.55	42.5	39.9	41.2	10.97	10.84	10.79
Chemicals and allied products	559.29	555.06	511.20	43.9	43.5	42.6	12.74	12.76	12.00
Rubber and misc. plastics products	325.18	392.62	360.90	40.8	46.3	45.0	7.97	8.48	8.02
NONMANUFACTURING	.....	.....	.....	....	....	....	....	....	....
CONSTRUCTION	514.89	517.99	530.31	36.8	37.4	36.1	13.99	13.85	14.69
TRANSPORTATION AND PUBLIC UTILITIES	.....	.....	.....	....	....	....	....	....	....
Communication, electric, gas services	482.33	481.51	453.94	39.6	39.5	39.2	12.18	12.19	11.58
WHOLESALE TRADE	364.50	362.07	349.74	40.5	40.5	40.2	9.00	8.94	8.70
RETAIL TRADE[f]	167.58	164.02	169.39	31.5	30.6	31.9	5.32	5.36	5.31
FINANCE, INSURANCE, AND REAL ESTATE	.....	.....	.....	....	....	....	....	....	....
Banking	232.10	231.44	222.61	....	....	....	....	....	....
Insurance carriers	.....	.....	.....	....	.....	....	....	....	....
SERVICES	.....	.....	.....	....	....	....	....	....	....
GOVERNMENT	.....	.....	.....	....	....	....	....	....	....
Federal government	.....	.....	.....	....	....	....	....	....	....
State government (includes education)	.....	.....	.....	....	....	....	....	....	....
Local government	.....	.....	.....	....	....	....	....	....	....
Local government, except education	.....	.....	.....	....	....	....	....	....	....
Local government education	.....	.....	.....	....	....	....	....	....	....

[a]Estimated in cooperation with U. S. Bureau of Labor Statistics. Cincinnati area is defined as Clermont, Hamilton, and Warren Counties, Ohio; Dearborn County, Indiana; Boone, Campbell, and Kenton Counties, Kentucky. Data relate to full and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. [b]Preliminary. [c]Revised. [d]Includes lumber and wood products; stone, clay, and glass products; instruments and related products; miscellaneous manufacturing. [e]Includes tobacco manufactures; textile mill products; petroleum and coal products; leather and leather products. [f]Money payments only, tips not included. [h]Low due to labor-management disputes during part of pay period.

Division of Research and Statistics
Ohio Bureau of Employment Services
Columbus 43216

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN CLEVELAND METROPOLITAN AREA[a]
DECEMBER 1984

Industry	Employment (in thousands)			Percent Change From[d]	
	December 1984[b]	November 1984[c]	December 1983[c]	November 1984	December 1983
TOTAL	837.3	836.2	837.9	.1	- .1
MANUFACTURING	210.2	210.6	212.1	- .2	- .9
Durable Goods[e]	146.6	146.4	148.0	.1	- .9
Furniture and fixtures	2.0	2.0	2.1	- .9	- 7.7
Primary metal industries	23.9	23.7	25.6	.7	- 6.7
Blast furnace and basic steel products	11.3	11.3	12.7	- .1	- 11.1
Iron and steel foundries	6.1	5.9	6.3	2.2	- 2.9
Nonferrous foundries	2.5	2.4	2.7	1.1	- 8.8
Fabricated metal products	32.6	32.3	32.1	.9	1.5
Fabricated structural metal products	4.0	3.9	3.7	2.9	7.5
Screw machine products, bolts, etc.	4.4	4.3	4.4	.8	.2
Metal forgings and stampings	11.3	11.2	11.1	.8	1.4
Machinery, except electrical	32.2	32.4	31.3	- .5	3.0
Construction and related machinery	4.3	4.4	5.2	- 2.7	- 17.8
Metalworking machinery	10.5	10.4	10.1	.4	3.3
Special industry machinery	3.4	3.4	2.9	.9	18.4
General industrial machinery	2.9	2.9	2.8	- .4	3.8
Electric and electronic equipment	22.0	22.0	22.5	- .2	- 2.4
Electrical industrial apparatus	7.6	7.6	7.5	.4	2.0
Transportation equipment	20.1	20.0	20.8	.5	- 3.3
Motor vehicles and equipment	13.5	13.4	14.4	1.0	- 5.9
Instruments and related products	6.1	6.0	5.8	.1	5.2
Nondurable Goods[f]	63.6	64.2	64.1	- .9	- .9
Food and kindred products	7.3	7.4	7.8	- .8	- 5.6
Bakery products	1.7	1.7	1.7	- .7	- 3.6
Beverages	1.3	1.3	1.6	- 2.2	- 16.5
Apparel and other textile products	5.1	5.1	5.1	1.2	.2
Paper and allied products	5.2	5.2	4.8	.0	8.6
Printing and publishing	14.8	15.1	14.9	- 1.6	- .6
Chemicals and allied products	14.0	14.0	14.4	.2	- 2.7
Industrial inorganic chemicals	3.2	3.2	3.3	- .3	- 2.1
Rubber and misc. plastics products	11.2	11.4	11.3	- 1.9	- .7
NONMANUFACTURING[g]	627.1	625.6	625.8	.2	.2
CONSTRUCTION	23.3	25.0	25.1	- 6.6	- 7.2
TRANSPORTATION AND PUBLIC UTILITIES	42.2	42.1	41.8	.3	.9
Communication, electric, gas services	20.0	19.8	19.8	.7	.9
WHOLESALE TRADE	57.9	57.6	58.2	.5	- .5
RETAIL TRADE	140.1	137.0	139.7	2.3	.3
FINANCE, INSURANCE, AND REAL ESTATE	48.0	47.9	48.9	.3	- 1.9
Banking	12.7	12.7	13.3	.3	- 4.5
Insurance carriers	11.4	11.4	12.0	.1	- 4.7
SERVICES	202.0	202.6	196.3	- .3	2.9
GOVERNMENT	112.1	112.2	114.5	- .1	- 2.0
Federal government	19.6	19.4	19.5	.7	.2
State government (includes education)	7.8	7.6	8.1	2.2	- 4.0
Local government	84.7	85.1	86.8	- .5	- 2.4
Local government, except education	43.2	43.2	43.6	- .1	- .9
Local government education	41.6	41.9	43.2	- .9	- 3.9

[a]Estimated in cooperation with U.S. Bureau of Labor Statistics. Cleveland area is defined as Cuyahoga, Geauga, Lake, and Medina Counties. Based on March 1983 benchmark. Includes full and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [e]Includes lumber and wood products; stone, clay, and glass products; miscellaneous manufacturing. [f]Includes tobacco manufactures; textile mill products; petroleum and coal products; leather and leather products. [g]Includes mining. [h]Depressed due to labor-management disputes.

Division of Research and Statistics
Ohio Bureau of Employment Services
Columbus 43216

HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN CLEVELAND METROPOLITAN AREA[a]
DECEMBER 1984

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	December 1984[b]	November 1984[c]	December 1983[c]	Dec. 1984[b]	Nov. 1984[c]	Dec. 1983[c]	Dec. 1984[b]	Nov. 1984[c]	Dec. 1983[c]
TOTAL	.....	.....	.....	....	....	....	....	....	....
MANUFACTURING	$476.79	$471.33	$451.76	42.8	42.5	42.3	$11.14	$11.09	$10.68
Durable Goods[d]	508.65	503.41	479.09	43.4	43.1	42.7	11.72	11.68	11.22
Furniture and fixtures	339.15	346.80	338.62	39.9	40.8	41.6	8.50	8.50	8.14
Primary metal industries	582.90	584.24	525.76	43.5	43.6	42.4	13.40	13.40	12.40
Blast furnace and basic steel products	506.16	503.50	485.64	38.0	37.8	38.3	13.32	13.32	12.68
Iron and steel foundries	815.13	853.92	685.56	50.1	52.1	46.7	16.27	16.39	14.68
Nonferrous foundries	372.02	372.12	362.50	41.8	42.0	42.2	8.90	8.86	8.59
Fabricated metal products	481.60	472.94	455.82	43.0	42.8	42.6	11.20	11.05	10.70
Fabricated structural metal products	364.00	379.80	330.96	40.4	42.2	38.8	9.01	9.00	8.53
Screw machine products, bolts, etc.	411.84	432.06	464.08	44.0	45.1	45.1	9.36	9.58	10.29
Metal forgings and stampings	624.15	603.44	564.55	45.0	44.6	43.9	13.87	13.53	12.86
Machinery, except electrical	491.95	462.87	457.03	44.4	42.7	42.2	11.08	10.84	10.83
Construction and related machinery	482.08	471.63	522.08	42.7	41.7	41.8	11.29	11.31	12.49
Metalworking machinery	408.53	400.20	436.77	41.9	41.3	42.2	9.75	9.69	10.35
Special industry machinery	485.75	476.08	527.17	41.2	40.9	44.6	11.79	11.64	11.82
General industrial machinery	451.72	428.50	421.74	44.2	42.3	42.6	10.22	10.13	9.90
Electric and electronic equipment	437.99	426.21	406.07	42.4	41.5	41.1	10.33	10.27	9.88
Electrical industrial apparatus	430.50	434.25	379.33	41.0	41.2	38.2	10.50	10.54	9.93
Transportation equipment	639.23	664.95	626.36	45.4	46.5	46.5	14.08	14.30	13.47
Motor vehicles and equipment	674.18	718.43	668.81	45.8	47.8	47.4	14.72	15.03	14.11
Instruments and related products	401.07	391.62	372.53	43.5	42.8	41.3	9.22	9.15	9.02
Nondurable Goods[e]	392.76	387.32	377.71	41.3	40.9	41.1	9.51	9.47	9.19
Food and kindred products	403.00	400.26	383.88	42.6	42.4	41.5	9.46	9.44	9.25
Bakery products	474.45	470.17	411.46	44.3	43.9	41.9	10.71	10.71	9.82
Beverages	317.02	332.90	351.94	40.8	42.9	41.6	7.77	7.76	8.46
Apparel and other textile products	277.81	276.76	279.49	38.8	38.6	39.7	7.16	7.17	7.04
Paper and allied products	462.63	446.86	413.25	45.4	44.2	43.5	10.19	10.11	9.50
Printing and publishing	379.07	376.99	371.31	37.2	37.4	36.8	10.19	10.08	10.09
Chemicals and allied products	480.66	480.48	476.10	42.2	42.0	43.4	11.39	11.44	10.97
Industrial inorganic chemicals	531.62	537.46	522.28	42.7	43.1	44.0	12.45	12.47	11.87
Rubber and misc. plastics products	359.95	360.36	340.90	42.8	42.9	42.4	8.41	8.40	8.04
NONMANUFACTURING	.....	.....	.....	....	....	....	....	....	....
CONSTRUCTION	828.12	786.56	724.01	40.2	38.9	38.8	20.60	20.22	18.66
TRANSPORTATION AND PUBLIC UTILITIES	.....	.....	.....	....	....	....	....	....	....
Communication, electric, gas services	532.30	533.82	526.54	41.2	41.0	41.2	12.92	13.02	12.78
WHOLESALE TRADE	369.08	361.03	351.52	39.9	39.5	39.9	9.25	9.14	8.81
RETAIL TRADE[f]	176.35	173.20	175.23	29.1	28.3	29.6	6.06	6.12	5.92
FINANCE, INSURANCE, AND REAL ESTATE	.....	.....	.....	....	....	....	....	....	....
Banking	260.95	258.51	245.89	....	....	....	....	....	....
Insurance carriers	.....	.....	.....	....	....	....	....	....	....
SERVICES	.....	.....	.....	....	....	....	....	....	....
GOVERNMENT	.....	.....	.....	....	....	....	....	....	....
Federal government	.....	.....	.....	....	....	....	....	....	....
State government (includes education)	.....	.....	.....	....	....	....	....	....	....
Local government	.....	.....	.....	....	....	....	....	....	....
Local government, except education	.....	.....	.....	....	....	....	....	....	....
Local government education	.....	.....	.....	....	....	....	....	....	....

[a]Estimated in cooperation with U. S. Bureau of Labor Statistics. Cleveland area is defined as Cuyahoga, Geauga, Lake, and Medina Counties. Data relate to full and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. [b]Preliminary. [c]Revised. [d]Includes lumber and wood products; stone, clay, and glass products; miscellaneous manufacturing. [e]Includes tobacco manufactures; textile mill products; petroleum and coal products; leather and leather products. [f]Money payments only, tips not included. [n]Low due to labor-management disputes during part of pay period.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN COLUMBUS METROPOLITAN AREA[a]
DECEMBER 1984

Industry	Employment (in thousands)			Percent Change From[d]	
	December 1984[b]	November 1984[c]	December 1983[c]	November 1984	December 1983
TOTAL	530.8	529.4	515.7	.3	2.9
MANUFACTURING	89.6	89.5	86.2	.1	4.0
Durable Goods[e]	58.6	58.4	55.2	.3	6.0
Stone, clay, and glass products	9.4	9.4	8.9	.1	5.1
Fabricated metal products	10.3	10.4	9.9	- .3	4.0
Machinery, except electrical	9.8	9.9	9.7	- .8	2.0
Electric and electronic equipment	10.5	10.5	10.0	.2	5.3
Transportation equipment	9.6	9.4	8.7	2.1	10.1
Nondurable Goods[f]	31.0	31.1	30.9	- .3	.3
Food and kindred products	10.0	10.1	9.8	- .3	2.7
Printing and publishing	8.2	8.3	8.2	- 1.2	.4
Chemicals and allied products	6.0	6.0	6.1	- .1	- 1.0
Rubber and misc. plastics products	2.7	2.7	2.8	- .7	- 2.1
NONMANUFACTURING[g]	441.2	439.8	429.5	.3	2.7
CONSTRUCTION	16.2	17.1	15.5	- 5.3	4.5
TRANSPORTATION AND PUBLIC UTILITIES	23.7	23.8	23.5	- .3	.8
Communication, electric, gas services	10.9	11.0	11.3	- .3	- 3.2
WHOLESALE TRADE	28.6	28.5	27.7	.2	3.1
RETAIL TRADE	103.8	101.8	99.9	2.0	3.9
FINANCE, INSURANCE, AND REAL ESTATE	45.8	45.5	44.2	.6	3.5
Banking	8.6	8.6	8.7	- .2	- 1.8
Insurance carriers	18.1	18.1	18.0	.1	.7
SERVICES	117.5	118.2	114.4	- .6	2.7
GOVERNMENT	105.2	104.5	103.7	.7	1.4
Federal government	12.1	12.0	11.3	.2	6.3
State government	49.4	48.7	49.5	1.5	.0
State government, except education	27.3	27.1	27.7	.6	- 1.7
State government education[i]	22.2	21.6	21.7	2.7	2.1
Local government	43.7	43.8	42.9	- .2	1.8
Local government, except education	17.6	17.6	17.1	- .5	2.4
Local government education	26.2	26.2	25.8	.0	1.4

[a]Estimated in cooperation with U.S. Bureau of Labor Statistics. Columbus area is defined as Delaware, Fairfield, Franklin, Madison, and Pickaway Counties. Based on March 1983 benchmark. Includes full and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [e]Includes lumber and wood products; furniture and fixtures; primary metal industries; instruments and related products; miscellaneous manufacturing. [f]Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; petroleum and coal products; leather and leather products. [g]Includes mining. [h]Depressed due to labor-management disputes. [i]Includes State Universities, State Schools for Deaf and Blind, and the State Library. Excludes hospitals, the agricultural extension service, agricultural research centers, and departments coordinating and administering education programs (notably, the Ohio Department of Education).

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216

HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN COLUMBUS METROPOLITAN AREA[a]
DECEMBER 1984

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	December 1984[b]	November 1984[c]	December 1983[c]	Dec. 1984[b]	Nov. 1984[c]	Dec. 1983[c]	Dec. 1984[b]	Nov. 1984[c]	Dec. 1983[c]
TOTAL	.....	.....	.....	....	....	....	....	....	....
MANUFACTURING	$447.53	$442.05	$437.81	42.3	41.9	42.3	$10.58	$10.55	$10.35
Durable Goods[d]	461.25	458.89	462.46	42.2	42.1	42.9	10.93	10.90	10.78
Stone, clay, and glass products	403.39	409.24	403.37	39.9	40.2	41.8	10.11	10.18	9.65
Fabricated metal products	494.91	477.99	550.23	40.6	39.7	43.6	12.19	12.04	12.62
Machinery, except electrical	397.70	401.39	442.80	41.0	41.0	45.0	9.70	9.79	9.8[illegible]
Electric and electronic equipment	450.89	450.28	437.64	42.1	41.5	42.1	10.90	10.85	10.[illegible]
Transportation equipment	699.18	699.39	575.67	51.6	51.2	45.4	13.55	13.66	12.[illegible]
Nondurable Goods[e]	414.67	402.82	387.16	42.4	41.4	41.1	9.78	9.73	9.42
Food and kindred products	405.49	384.92	373.84	43.0	41.3	41.4	9.43	9.32	9.03
Printing and publishing	470.66	473.69	445.81	40.4	40.8	38.3	11.65	11.61	11.64
Chemicals and allied products	470.90	461.07	459.02	42.5	41.5	43.1	11.08	11.11	10.65
Rubber and misc. plastics products	363.51	338.77	319.40	45.1	43.1	42.7	8.06	7.86	7.48
NONMANUFACTURING	.....	.....	.....	....	....	....	....	....	....
CONSTRUCTION	478.88	489.06	481.66	37.5	38.0	37.6	12.77	12.87	12.81
TRANSPORTATION AND PUBLIC UTILITIES	.....	.....	.....	....	....	....	....	....	....
Communication, electric, gas services	511.87	519.38	510.04	40.4	40.8	41.0	12.67	12.73	12.44
WHOLESALE TRADE	295.37	292.82	297.60	39.7	39.2	40.0	7.44	7.47	7.44
RETAIL TRADE[f]	163.17	157.34	163.39	29.4	28.4	29.6	5.55	5.54	5.52
FINANCE, INSURANCE, AND REAL ESTATE	.....	.....	.....	....	....	....	....	....	....
Banking	244.25	236.04	228.53	....	....	....	....	....	....
Insurance carriers	.....	.....	.....	....	....	....	....	....	....
SERVICES	.....	.....	.....	....	....	....	....	....	....
GOVERNMENT	.....	.....	.....	....	....	....	....	....	....
Federal government	.....	.....	.....	....	....	....	....	....	....
State government	.....	.....	.....	....	....	....	....	....	....
State government, except education	.....	.....	.....	....	....	....	....	....	....
State government education	.....	.....	.....	....	....	....	....	....	....
Local government	.....	.....	.....	....	....	....	....	....	....
Local government, except education	.....	.....	.....	....	....	....	....	....	....
Local government education	.....	.....	.....	....	....	....	....	....	....

[a]Estimated in cooperation with U.S. Bureau of Labor Statistics. Columbus area is defined as Delaware, Fairfield, Franklin, Madison, and Pickaway Counties. Data relate to full and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. [b]Preliminary. [c]Revised. [d]Includes lumber and wood products; furniture and fixtures; primary metal industries; instruments and related products; miscellaneous manufacturing. [e]Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; petroleum and coal products; leather and leather products. [f]Money payments only, tips not included. [h]Low due to labor-management disputes during part of pay period.

Division of Research and Statistics
Ohio Bureau of Employment Services
Columbus 43216

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN DAYTON METROPOLITAN AREA[a]
DECEMBER 1984

Industry	Employment (in thousands)			Percent Change From[d]	
	December 1984[b]	November 1984[c]	December 1983[c]	November 1984	December 1983
TOTAL	354.4	353.9	344.3	.1	2.9
MANUFACTURING	92.8	92.7	90.2	.1	2.9
Durable Goods[e]	64.3	64.3	62.4	.0	3.1
Stone, clay, and glass products	2.2	2.2	2.0	.7	7.8
Fabricated metal products	7.3	7.3	6.8	- .2	7.5
Machinery, except electrical	30.1	30.1	29.3	.0	2.7
Metalworking machinery	7.0	7.0	6.5	.0	8.0
Electric and electronic equipment	5.1	5.1	4.9	- .1	3.6
Electrical industrial apparatus	3.0	3.0	2.8	- .2	4.4
Transportation equipment	13.7	13.6	13.5	.7	2.0
Nondurable Goods[f]	28.5	28.4	27.8	.4	2.5
Food and kindred products	3.0	3.0	3.0	- 2.4	- 2.2
Paper and allied products	6.0	6.0	5.5	- .1	8.4
Printing and publishing	7.6	7.6	7.3	.3	5.1
Rubber and misc. plastics products	8.3	8.2	8.4	1.2	- 1.8
NONMANUFACTURING[g]	261.6	261.2	254.1	.1	2.9
CONSTRUCTION	9.7	10.2	9.4	- 5.3	3.1
TRANSPORTATION AND PUBLIC UTILITIES	13.1	13.1	12.6	.5	4.0
Communication, electric, gas services	5.6	5.6	5.7	.1	- 2.6
WHOLESALE TRADE	17.4	17.4	16.8	.2	3.9
RETAIL TRADE	58.8	57.6	57.6	[h].1	2.1
FINANCE, INSURANCE, AND REAL ESTATE	14.4	14.2	14.0	1.0	2.9
SERVICES	78.6	79.3	76.5	- .9	2.7
GOVERNMENT	69.3	69.1	67.1	.4	3.4
Federal government	26.6	26.6	26.0	.3	2.5
State government (includes education)	6.6	6.4	6.1	3.2	7.1
Local government	36.1	36.2	34.9	- .1	3.5
Local government, except education	13.1	13.0	12.9	.3	.9
Local government education	23.1	23.2	22.0	- .3	5.0

[a]Estimated in cooperation with U.S. Bureau of Labor Statistics. Dayton area is defined as Greene, Miami, Montgomery, and Preble Counties. Based on March 1983 benchmark. Includes full and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [e]Includes lumber and wood products; furniture and fixtures; primary metal industries; instruments and related products; miscellaneous manufacturing. [f]Includes tobacco manufactures; textile mill products; apparel and other textile products; chemicals and allied products; petroleum and coal products; leather and leather products. [g]Includes mining. [h]Depressed due to labor-management disputes.

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Ohio Bureau of Employment Services
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HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN DAYTON METROPOLITAN AREA[a]
DECEMBER 1984

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	December 1984[b]	November 1984[c]	December 1983[c]	Dec. 1984[b]	Nov. 1984[c]	Dec. 1983[c]	Dec. 1984[b]	Nov. 1984[c]	Dec. 1983[c]
TOTAL	.....	.....	.....	....	....	....	....	....	....
MANUFACTURING	$506.00	$484.88	$487.73	44.0	43.1	43.9	$11.50	$11.25	$11.11
Durable Goods[d]	515.13	495.03	489.51	44.6	43.5	44.1	11.55	11.38	11.10
Stone, clay, and glass products	417.69	417.25	380.84	44.2	44.2	40.3	9.45	9.44	9.45
Fabricated metal products	338.75	361.09	381.06	39.9	41.6	43.6	8.49	8.68	8.74
Machinery, except electrical	566.19	548.89	526.92	46.6	45.4	45.7	12.15	12.09	11.53
Metalworking machinery	560.56	560.84	515.90	49.0	48.6	47.2	11.44	11.54	10.93
Electric and electronic equipment	367.04	352.79	332.88	43.8	42.2	41.3	8.38	8.36	8.06
Electrical industrial apparatus	391.87	373.84	363.32	43.3	41.4	42.1	9.05	9.03	8.63
Transportation equipment	648.15	599.51	613.16	44.7	42.7	44.4	14.50	14.04	13.81
Nondurable Goods[e]	485.07	461.92	481.25	42.7	42.3	43.2	11.36	10.92	11.14
Food and kindred products	389.66	412.38	382.30	42.4	43.5	41.6	9.19	9.48	9.19
Paper and allied products	422.69	435.48	409.02	44.4	45.6	43.1	9.52	9.55	9.49
Printing and publishing	413.79	419.89	439.79	38.6	39.5	39.8	10.72	10.63	11.05
Rubber and misc. plastics products	643.11	574.25	619.25	44.2	42.6	45.6	14.55	13.48	13.58
NONMANUFACTURING	.....	.....	.....	....	....	....	....	....	....
CONSTRUCTION	546.65	540.54	531.57	37.7	39.0	37.7	14.50	13.86	14.10
TRANSPORTATION AND PUBLIC UTILITIES	.....	.....	.....	....	....	....	....	....	....
Communication, electric, gas services	504.51	506.17	498.98	40.2	40.3	40.7	12.55	12.56	12.26
WHOLESALE TRADE	368.34	362.30	341.82	42.0	41.5	42.2	8.77	8.73	8.10
RETAIL TRADE[f]	158.85	156.16	159.60	29.2	28.6	30.0	5.44	5.46	5.32
FINANCE, INSURANCE, AND REAL ESTATE	.....	.....	.....	....	.....	....	....	....	....
SERVICES	.....	.....	.....	....	....	....	....	....	....
GOVERNMENT	.....	.....	.....	....	....	....	....	....	....
Federal government	.....	.....	.....	....	....	....	....	....	....
State government (includes education)	.....	.....	.....	....	....	....	....	....	....
Local government	.....	.....	.....	....	....	....	....	....	....
Local government, except education	.....	.....	.....	....	....	....	....	....	....
Local government education	.....	.....	.....	....	....	....	....	....	....

[a]Estimated in cooperation with U.S. Bureau of Labor Statistics. Dayton area is defined as Greene, Miami, Montgomery, and Preble Counties. Data relate to full and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. [b]Preliminary. [c]Revised. [d]Includes lumber and wood products; furniture and fixtures; primary metal industries; instruments and related products; miscellaneous manufacturing. [e]Includes tobacco manufactures; textile mill products; apparel and other textile products; chemicals and allied products; petroleum and coal products; leather and leather products. [f]Money payments only, tips not included. [h]Low due to labor-management disputes during part of pay period.

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NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN TOLEDO METROPOLITAN AREA[a]
DECEMBER 1984

Industry	Employment (in thousands)			Percent Change From[d]	
	December 1984[b]	November 1984[c]	December 1983[c]	November 1984	December 1983
TOTAL	298.9	298.4	291.1	.1	2.7
MANUFACTURING	75.6	75.5	74.0	.2	2.2
Durable Goods[e]	59.5	59.5	57.7	.0	3.0
Stone, clay, and glass products	11.1	11.2	11.4	- .6	- 2.1
Primary metal industries	4.3	4.3	3.7	.9	15.7
Fabricated metal products	8.5	8.6	8.1	- .5	5.4
Metal forgings and stampings	4.0	4.0	4.0	- .9	- 1.2
Machinery, except electrical	6.5	6.5	6.1	- .1	5.4
General industrial machinery	1.6	1.6	1.5	.1	3.6
Transportation equipment	20.9	20.8	20.5	.8	1.9
Motor vehicles and equipment	19.7	19.5	19.3	.8	2.0
Nondurable Goods[f]	16.1	16.0	16.2	.7	- .5
Food and kindred products	3.9	3.8	3.9	2.9	- 1.5
Rubber and misc. plastics products	4.5	4.5	4.1	.3	11.2
NONMANUFACTURING[g]	223.2	222.9	217.2	.1	2.8
CONSTRUCTION	9.7	10.4	9.7	- 7.2	.0
TRANSPORTATION AND PUBLIC UTILITIES	17.8	17.8	17.5	.0	1.3
Communication, electric, gas services	7.4	7.4	7.5	.2	- 1.1
WHOLESALE TRADE	14.7	14.7	14.4	.3	2.5
RETAIL TRADE	52.6	51.6	51.3	1.9	2.5
FINANCE, INSURANCE, AND REAL ESTATE	11.2	11.0	10.8	1.6	3.6
SERVICES	66.4	66.7	64.7	- .4	2.7
GOVERNMENT	50.6	50.4	48.6	.3	4.1
State government (includes education)	15.9	15.9	15.4	.2	3.3
Local government	31.9	31.7	30.4	.5	4.6
Local government, except education	12.4	12.5	12.0	- 1.0	3.3
Local government education	19.4	19.2	18.4	1.5	5.5

[a]Estimated in cooperation with U. S. Bureau of Labor Statistics. Toledo area is defined as Fulton, Lucas, Ottawa, and Wood Counties, Ohio; and Monroe County, Michigan. Based on March 1983 benchmark. Includes full and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [e]Includes lumber and wood products; furniture and fixtures; electric and electronic equipment; instruments and related products; miscellaneous manufacturing. [f]Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; leather and leather products. [g]Includes mining. [h]Depressed due to labor-management disputes.

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HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN TOLEDO METROPOLITAN AREA[a]
DECEMBER 1984

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	December 1984[b]	November 1984[c]	December 1983[c]	Dec. 1984[b]	Nov. 1984[c]	Dec. 1983[c]	Dec. 1984[b]	Nov. 1984[c]	Dec. 1983[c]
TOTAL	.....	.....	.....	....	....	....	....	....	....
MANUFACTURING	$540.42	$523.29	$514.87	44.7	43.9	44.5	$12.09	$11.92	$11.57
Durable Goods[d]	569.07	548.78	537.15	45.2	44.4	44.8	12.59	12.36	11.99
Stone, clay, and glass products	529.56	532.41	527.58	45.3	45.7	44.9	11.69	11.65	11.75
Primary metal industries	556.64	523.49	537.78	48.7	45.8	48.8	11.43	11.43	11.02
Fabricated metal products	483.21	481.38	503	42.8	42.6	44.3	11.29	11.30	11.37
Metal forgings and stampings	549.53	559.76	5	43.1	43.8	45.2	12.75	12.78	12.56
Machinery, except electrical	452.83	443.52	4	42.4	42.0	44.0	10.68	10.56	10.83
General industrial machinery	494.60	469.00	532.52	43.5	41.8	44.6	11.37	11.22	11.94
Transportation equipment	699.50	668.51	608.81	47.2	46.2	45.4	14.82	14.47	13.41
Motor vehicles and equipment	701.86	670.36	607.02	47.2	46.2	45.3	14.87	14.51	13.40
Nondurable Goods[e]	426.57	422.68	429.97	42.7	42.1	43.3	9.99	10.04	9.93
Food and kindred products	453.48	487.74	476.39	42.5	44.3	44.9	10.67	11.01	10.61
Rubber and misc. plastics products	380.60	357.25	355.93	44.0	41.3	43.3	8.65	8.65	8.22
NONMANUFACTURING	.....	.....	.....	....	....	....	....	....	....
CONSTRUCTION	689.59	643.85	665.60	39.7	38.6	40.0	17.37	16.68	16.64
TRANSPORTATION AND PUBLIC UTILITIES	.....	.....	.....	....	....	....	....	....	....
Communication, electric, gas services	588.56	560.48	510.88	43.5	42.3	41.2	13.53	13.25	12.40
WHOLESALE TRADE	302.27	302.38	332.72	36.2	36.3	38.2	8.35	8.33	8.71
RETAIL TRADE[f]	164.71	160.17	166.02	29.1	28.5	29.7	5.66	5.62	5.59
FINANCE, INSURANCE, AND REAL ESTATE	.....	.....	.....	....	....	....	....	....	....
SERVICES	.....	.....	.....	....	....	....	....	....	....
GOVERNMENT	.....	.....	.....	....	....	....	....	....	....
State government (includes education)	.....	.....	.....	....	....	....	....	....	....
Local government	.....	.....	.....	....	....	....	....	....	....
Local government, except education	.....	.....	.....	....	....	....	....	....	....
Local government education	.....	.....	.....	....	....	....	....	....	....

[a]Estimated in cooperation with U. S. Bureau of Labor Statistics. Toledo area is defined as Fulton, Lucas, Ottawa, and Wood Counties, Ohio; and Monroe County, Michigan. Data relate to full and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. [b]Preliminary. [c]Revised. [d]Includes lumber and wood products; furniture and fixtures; electric and electronic equipment; instruments and related products; miscellaneous manufacturing. [e]Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; leather and leather products. [f]Money payments only, tips not included. [h]Low due to labor-management disputes during part of pay period.

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NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN YOUNGSTOWN-WARREN METROPOLITAN AREA[a]
DECEMBER 1984

Industry	Employment (in thousands)			Percent Change From[d]	
	December 1984[b]	November 1984[c]	December 1983[c]	November 1984	December 1983
TOTAL	182.9	182.7	182.0	.1	.5
MANUFACTURING	53.9	54.1	55.6	- .4	- 3.0
Durable Goods[e]	48.7	48.8	50.5	- .2	- 3.6
Stone, clay, and glass products	1.6	1.7	1.6	- 8.5	1.4
Primary metal industries	21.7	21.7	23.8	- .1	- 8.9
Blast furnace and basic steel products	7.7	7.8	9.7	- 1.2	- 20.7
Fabricated metal products	8.5	8.5	8.2	- .2	3.3
Fabricated structural metal products	2.0	2.0	1.9	- .6	8.2
Machinery, except electrical	3.7	3.7	3.6	.3	4.1
Metalworking machinery	1.5	1.5	1.5	.9	2.9
Electric and electronic equipment	2.8	2.8	2.6	.2	4.8
Transportation equipment	8.9	8.8	9.0	1.4	- 1.6
Nondurable Goods[f]	5.2	5.4	5.1	- 2.5	2.9
NONMANUFACTURING[g]	129.0	128.6	126.4	.3	2.0
CONSTRUCTION	4.7	5.1	4.8	- 8.7	- 3.4
TRANSPORTATION AND PUBLIC UTILITIES	7.6	7.5	7.4	.6	1.6
Communication, electric, gas services	3.0	3.0	3.1	- .2	- 4.3
WHOLESALE TRADE	8.0	7.9	7.8	.7	1.6
RETAIL TRADE	35.0	34.3	34.7	1.9	.7
FINANCE, INSURANCE, AND REAL ESTATE	7.5	7.4	7.2	.5	3.3
SERVICES	40.2	40.3	39.0	- .2	3.0
GOVERNMENT	25.6	25.4	24.6	.7	4.0
Local government (includes education)	19.6	19.5	18.7	.5	4.5

[a]Estimated in cooperation with U.S. Bureau of Labor Statistics. Youngstown-Warren area is defined as Mahoning and Trumbull Counties. Based on March 1983 benchmark. Includes full and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [e]Includes lumber and wood products; furniture and fixtures; instruments and related products; miscellaneous manufacturing. [f]Includes food and kindred products; tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; rubber and misc. plastics products; leather and leather products. [g]Includes mining. [h]Depressed due to labor-management disputes.

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HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN YOUNGSTOWN-WARREN METROPOLITAN AREA[a]
DECEMBER 1984

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	December 1984[b]	November 1984[c]	December 1983[c]	Dec. 1984[b]	Nov. 1984[c]	Dec. 1983[c]	Dec. 1984[b]	Nov. 1984[c]	Dec. 1983[c]
TOTAL	.....	.....	.....	....	....	....	....	....	....
MANUFACTURING	$574.65	$541.02	$547.78	43.6	42.3	43.2	$13.18	$12.79	$12.68
Durable Goods[d]	590.42	557.18	562.03	43.8	42.5	43.4	13.48	13.11	12.95
Stone, clay, and glass products	404.84	376.26	384.07	41.1	39.9	39.8	9.85	9.43	9.65
Primary metal industries	592.75	580.73	553.36	42.4	41.9	41.7	13.98	13.86	13.27
Blast furnace and basic steel products	517.32	521.53	510.72	39.4	39.6	39.9	13.13	13.17	12.80
Fabricated metal products	587.81	503.83	648.13	43.0	39.3	47.0	13.67	12.82	13.79
Fabricated structural metal products	427.85	392.75	468.26	42.7	40.2	43.6	10.02	9.77	10.74
Machinery, except electrical	456.27	435.72	464.52	40.2	38.8	39.5	11.35	11.23	11.76
Metalworking machinery	476.99	447.73	481.73	42.1	40.3	41.6	11.33	11.11	11.58
Electric and electronic equipment	401.95	429.53	400.18	39.1	41.5	40.3	10.28	10.35	9.93
Transportation equipment	753.73	694.91	650.15	51.1	48.8	47.7	14.75	14.24	13.63
Nondurable Goods[e]	384.70	361.58	356.51	41.1	40.4	39.7	9.36	8.95	8.98
NONMANUFACTURING	.....	.....	.....	....	....	....	....	....	....
CONSTRUCTION	555.96	556.15	544.34	34.9	35.0	34.0	15.93	15.89	16.01
TRANSPORTATION AND PUBLIC UTILITIES	.....	.....	.....	....	....	....	....	....	....
Communication, electric, gas services	498.51	498.13	496.10	40.3	40.4	41.0	12.37	12.33	12.10
WHOLESALE TRADE	329.25	335.25	336.45	37.5	37.5	36.1	8.78	8.94	9.32
RETAIL TRADE[f]	167.91	165.60	172.98	29.1	28.8	30.4	5.77	5.75	5.69
FINANCE, INSURANCE, AND REAL ESTATE	.....	.....	.....	....	....	....	....	....	....
SERVICES	.....	.....	.....	....	....	....	....	....	....
GOVERNMENT	.....	.....	.....	....	....	....	....	....	....
Local government (includes education)	.....	.....	.....	....	....	....	....	....	....

[a]Estimated in cooperation with U.S. Bureau of Labor Statistics. Youngstown-Warren area is defined as Mahoning and Trumbull Counties. Data relate to full and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. [b]Preliminary. [c]Revised. [d]Includes lumber and wood products; furniture and fixtures; instruments and related products; miscellaneous manufacturing. [e]Includes food and kindred products; tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; rubber and misc. plastics products; leather and leather products. [f]Money payments only, tips not included. [h]Low due to labor-management disputes during part of pay period.

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NOTES ON OHIO EMPLOYMENT, HOURS, AND EARNINGS ESTIMATES

Civilian Labor Force Estimates

Civilian Labor Force.—Estimated number of workers 16 years of age and over, employed or unemployed during week including 12th of month, distributed by place of residence.

Total Employed.—Includes nonagricultural wage and salary workers, the self-employed, unpaid family workers, domestics, agricultural workers, and persons involved in labor disputes. Estimates of self-employed, domestics, and unpaid family workers based on data from U.S. Department of Labor and Bureau of the Census. Agricultural worker estimates derived from information supplied by U.S. Department of Agriculture. Estimates of workers involved in labor disputes based in part upon data from Federal Mediation and Conciliation Service. Employment distributed by place of residence.

Total Unemployed.—Estimated number of persons, by place of residence, who did not work during reference week and were looking for work, whether or not eligible for unemployment compensation. Includes those who did not work and were waiting to be called back to an old job or to report to a new job.

Nonagricultural Wage and Salary Employment

Collection.—Nonagricultural wage and salary employment as well as hours and earnings estimates based on monthly reports from sample of employers. Under cooperative arrangement with U.S. Bureau of Labor Statistics, Division of Research and Statistics of Ohio Bureau of Employment Services mails, edits, and processes Ohio reports, which are subsequently incorporated in national data.

Industrial Classification.—Employer establishments classified by industry on basis of their principal product or service. The Standard Industrial Classification Manual (U.S. Office of Management and Budget, Washington, D. C., 1972, amended 1977) used for classification.

Coverage.—Monthly reports on employment and (for most industries) payroll and hours obtained from approximately 8,000 Ohio employers.

Coverage of Ohio Nonagricultural Employment Sample

Industry Division	Approximate Percentage Covered by Sample
Total	43
Manufacturing	62
Nonmanufacturing	35
Mining	63
Construction	24
Transportation and Public Utilities	47
Wholesale Trade	19
Retail Trade	18
Finance, Insurance, and Real Estate	47
Services and Miscellaneous	21
Government	68

Nonagricultural Employment.—Persons who worked during, or received pay for, any part of pay periods which include 12th of month, distributed by place of employment. Includes persons on paid sick leave, paid holiday, or paid vacation. Excluded are persons laid off, on strike, or on unpaid vacation during entire reporting period. Proprietors, the self-employed, unpaid family workers, farm workers, and domestic workers also excluded. Government employment covers only civilian employees. Full-time teachers considered employed during the summer vacation period, whether or not paid in those months.

Estimating Method.—Total employment is estimated from the employment of establishments reporting for two consecutive months, as follows:

$$\text{Total Employment (current month)} = \text{Total Employment (previous month)} \times \frac{\text{Sample Employment (current month)}}{\text{Sample Employment (previous month)}}$$

Benchmark Data.—Employment estimates compared annually with complete count of employment, by industry. Where revisions necessary, monthly estimates adjusted to new benchmark. Following revisions to new benchmark, industry data projected forward to current month by use of sample trends. Basic source of benchmark information is tabulations of employment data, by industry and area, compiled from contribution reports of employers covered under Ohio Unemployment Compensation Law.

Hours and Earnings

Method of Computing Averages.—Average hours computed by dividing total production worker hours worked during one week (the seven-day periods which include 12th of month) by number of production workers reported for such week. Average hourly earnings computed by dividing total production worker payroll for one week by total production worker hours for week. Average weekly earnings derived by multiplying average hourly earnings by average weekly hours.

Definitions.—Definitions of production or similar workers, payroll, and hours—from which average hours and earnings data are derived—follow:

Production Workers.—Includes working supervisors and all nonsupervisory workers (including group leaders and trainees) engaged in fabricating, processing, assembling, inspection, receiving, storage, handling, packing, warehousing, shipping, maintenance, repair, janitorial and guard services, product development, auxiliary production for plant's own use (such as power plant), and record keeping and other services closely associated with production operations.

Nonsupervisory Workers.—Includes employees (not above working supervisory level) such as office and clerical workers, repairers, salespersons, operators, drivers, attendants, service employees, line installers, laborers, accountants, janitors, guards, and other employees whose services are closely associated with those of occupations listed.

Payroll.—Represents payroll for full- and part-time production, construction, or nonsupervisory workers who received pay for any part of pay periods which include 12th of month. Payroll is reported before deductions for social security, group insurance, withholding tax, bonds, and union dues; also includes pay for overtime, holidays, vacations, and sick leave paid directly by the firm. Bonuses (unless earned and paid regularly each pay period), tips, pay not earned in pay period reported (such as retroactive pay), and value of free rent, fuel, meals, or other payments in kind, excluded.

Hours.—Represents hours worked or paid for, during pay periods which include 12th of month, for production, construction, or nonsupervisory workers. Hours include time paid for holidays and vacations, and for sick leave when pay received directly from firm.

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